SIEMENS

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M56

User Guide
Guide De L'Utilisateur
Guía Para El Usuario

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Information for parents

Please read the operating instructions and safety precautions carefully before use. Explain the content and the hazards associated with using the phone to your children.

Remember to comply with legal requirements and local restrictions when using the phone. For example in airplanes, filling stations, hospitals or while driving.

Cell phones can interfere with the functioning of medical devices such as hearing aids or pacemakers. Keep at least 20 cm/9 inches between phone and pacemaker. When using the cell phone hold it to the ear which is further away from the pacemaker. For more information consult your physician.

The SIM card and MultiMediaCard may be removed. Caution! Small parts like this could be swallowed by young children.

The mains voltage specified on the power supply unit (Volt) must not be exceeded. Otherwise the charging device may be destroyed.

The ring tone (p. 73), info tones (p. 74) and handsfree talking are reproduced through the loudspeaker. Do not hold the phone to your ear when it rings or when you have switched on the handsfree function (p. 25). Otherwise you risk serious permanent damage to your hearing.

Only use original Siemens batteries (100 % mercury-free) and – charging devices. Otherwise you risk serious damage to health and property. The battery could explode, for instance.

You may only open the phone to replace the battery (100 % mercury-free), SIM card or MultiMediaCard. You must not open the battery under any circumstances. All other changes to this device are strictly prohibited and will invalidate the operating license.

Important:

Please dispose of unwanted batteries and phones as permitted by the laws in your country.

The phone may cause interference in the vicinity of TV sets, radios and PCs.

Use Siemens original accessories only. This will avoid potential risks to health or property and ensure compliance with all relevant regulations.

Improper use will invalidate the warranty!

Important

Read this information before using your wireless handheld phone.

As this mobile phone is equipped with a fixed (non-retractable) antenna, some paragraphs in the below text may not be applicable.

Antenna care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone operation

Normal position

Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

Tips on efficient operation

For your phone to operate most efficiently:

- Extend your antenna fully (if applicable).
- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

Laws pertaining to the use of mobile phones while driving vary significantly from state-to-state and sometimes even from locality-to-locality within states. For example, some areas may allow persons to use their mobile phones only if they employ a hands-free device, and some areas may prohibit the use of mobile phones entirely. Accordingly, Siemens recommends that persons check the laws for the areas in which they drive or will be driving. For areas where the use of mobile phones while driving is permitted, Siemens encourages persons to use their phones responsibly and to employ hands-free devices. Also, if using your phone while driving, please:

- Give full attention to driving – driving safely is your first responsibility;
- Use hands-free operation, if available;
- Pull off the road and park before making or answering a call, if driving conditions so require.

For vehicles equipped with Air Bags

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Electronic devices

Most modern electronic equipment is shielded from radiofrequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturer's Association recommends that a minimum separation of six inches (6") be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON;
- should not carry the phone in a breast pocket;
- should use the ear opposite the pacemaker to minimize the potential for interference;
- should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider or your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturers of your devices to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Airplanes

FCC and Airline Regulations prohibit using your phone while in the air. Turn your phone OFF when requested by the airline.

Check and comply with the policy of your airline regarding the use of your phone while the airplane is on the ground.

Blasting areas

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

Potentially explosive atmospheres

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include: fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

Emergency calls (SOS)

Your wireless phone can be used to make emergency calls. You can make an emergency call from the main display screen. Enter the local emergency number such as 911 and then press the key.

This phone, like any wireless phone, operates using radio signals, wireless and landline networks, and user-programmed functions. Because of this, connections in all conditions cannot be guaranteed. Therefore, you should never rely

solely on any wireless phone for essential communications (for example, medical emergencies). Remember – to make or receive any calls, the phone must be switched on and be used in a service area that has adequate signal strength. Emergency calls might not be possible on all wireless phone networks or when certain network services or phone features are in use. Check with local service providers regarding their network features.

Always make certain that your phone is properly charged before attempting any emergency calls. If you allow your battery to discharge, you will be unable to receive or make calls, including emergency calls. You must then wait a few minutes after the charging begins to place any emergency calls.

When making an emergency call, remember to give all of the necessary information as accurately as possible. Remember that your wireless phone might be the only means of communication at the scene of an accident, therefore you should not terminate the call until given permission to do so.

RF EXPOSURE /SPECIFIC ABSORPTION RATE (SAR) INFORMATION

THIS SIEMENS M56 PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO ELECTROMAGNETIC FIELDS.

Your cell phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy established by the Federal Communications Commission (FCC) of the U.S. Government and by Health Canada. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed and confirmed by independent scientific organizations through periodic and thorough evaluation of scientific studies*. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for cell phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit established by the FCC and by Health Canada is 1.6 W/kg**. Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and the manufacturer must certify to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body), reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when testest for use at the ear is

0.98 W/kg***

and when worn on the body^{+} is

0.48 W/kg***

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Internet Association (CTIA) web-site at **www.phonefacts.net** or the Canadian Wireless Telecommunications Association (CWTA) website **www.cwta.ca**.

SAR information on this Siemens M56 phone is on file with the FCC and can be found under the Display Grant section of **http://www.fcc.gov/oet/fccid** after searching on FCC ID **PWX-M56**.

While there may be differences between the SAR levels of various phones and at various positions, all Siemens products meet the governmental requirements for safe RF exposure.

+ For body worn operation, this mobile phone has been tested and meets FCC RF exposure guidelines when used with a Siemens accesory designated for this product or when used with a carry accessory that contains no metal and that positions the handset at least 1.5 cm/0.59 in from the body. Use of other carry accessories may not ensure compliance with FCC RF exposure guidelines.

* The World Health Organization (WHO, CH-1211 Geneva 27, Switzerland), on the basis of the actual knowledge, does not see any necessity for special precautionary measures when using cell phones.
Further information:
www.who.int/peh-emf,
www.mmfai.org,
www.my-siemens.com.

** averaged over 1 g of tissue.

*** SAR values may vary depending on national requirements and network bands. SAR information for different regions can be found at **www.my-siemens.com**

Overview of the phone

① **Call key**

Dial phone number/name displayed, take calls. Show last phone numbers dialed in standby mode.

② **On/Off/End key**

- Switched off: hold **down** to switch on.
- During a conversation or in an application (except for Surf &Fun): press **briefly** to finish.
- In menus: press **briefly** to go back a level. Hold **down** to return to standby mode.
- In standby mode: hold **down** to switch off phone.

③ **Control key**

In lists and menus:

Scroll up/down.

Select function.

Menu level back.

During a call:

Open call menu.

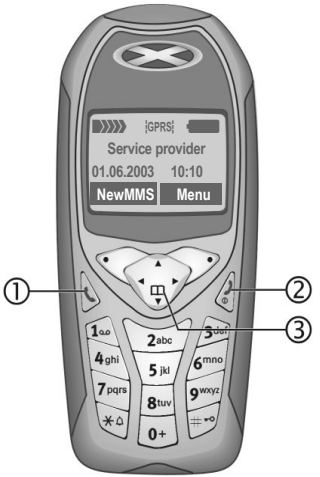
In standby mode:

Voice control (hold down).

Open Addressbook/Phonebook.

Open menu.

GPRS info.



① Integrated antenna

Do not interfere unnecessarily with the phone above the battery cover. This reduces the signal quality.

② Loudspeaker

③ Display icons

Signal strength/ GPRS available/ battery level.

④ Soft keys

The current functions of these keys are shown in the bottom line of the display as text/symbol (e.g. 📖).

⑤ Input keys

Numbers, letters.

⑥ Hold down

- In standby mode: switch all audible signals on/off (except alarm).
- For incoming calls: only switch off ring tones.

⑦ Hold down

In standby mode: switch key lock on/off.

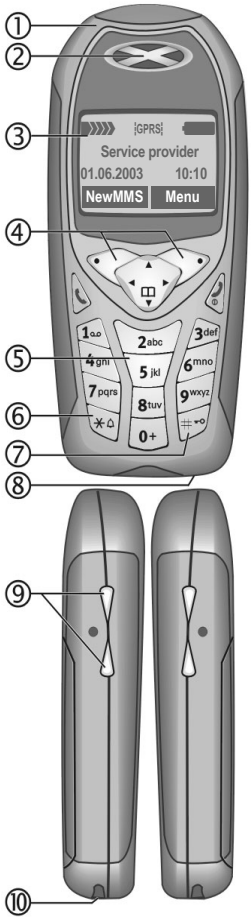
⑧ Microphone

⑨ Dynamic Light

Two LEDs on each side indicate different functions visually (set, p. 74).

⑩ Device interface

Connection for charger, headset etc.



Display symbols (selection)

Display symbols	
	Signal strength
	Charging
	Battery charging status, e.g., 50 %
	Phonebook/Addressbook
	Records
	Surf & Fun
	Organizer
	Messages
	Profiles
	Extras
	File system
	Settings
	All calls are forwarded
	Ringer off
	Short ring (beep) only
	Ringer only if caller is stored in Phonebook/Addressbook
	Alarm set
	Alarm clock activated
	Key lock activated
	Phone numbers/names:
	On the SIM card
	On the SIM card (PIN2 protected)
	In the phone memory

	No network access
	Function activated/deactivated
	Phonebook/Addressbook
ABC/ Abc/abc	Indicates whether upper or lower-case letters are active
	Text input **with** T9
GPRS	Activated and available
GPRS	Registered
GPRS	Temporarily interrupted
GPRS▶	GPRS download
	WAP online
	WAP via GPRS online
	WAP no network
	Headset mode
	Auto answer feature on

Organizer/Extras symbols	
	Memo
	Call
	Appointment
	Dictating mach./Voice memory
	Birthday
	Alarm clock/stopwatch

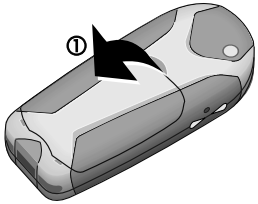
Depending on the service provider, some of the symbols shown here may vary from those in the phone.

Soft keys	
	Message received.
	MMS received.
	MMS notification received.
	Voice mail received.
	Data received.
	Picture received.
	Melody received.
	Unanswered call.
	Store in Phonebook/ Addressbook.
	Retrieve from Phonebook/ Addressbook.
	Change Phonebook/ Addressbook.

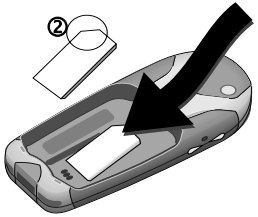
Insert SIM card/battery

The service provider supplies you with a SIM card on which all the important data for your line is stored. If the SIM card has been delivered in credit-card size, snap the smaller segment out and remove any rough edges.

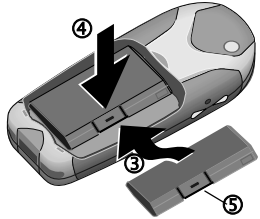
- Remove cover upwards in the direction of the arrow ①.



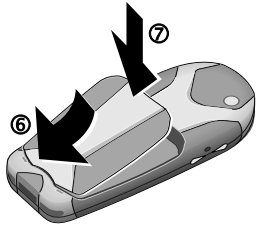
- Insert the SIM card in the opening with the contact area **facing downwards** and push gently until it engages below the holder (make sure the angled corner is in the correct position ②).



- Insert the battery sideways into the phone ③, then press downwards ④ until it engages.



- To remove, press the retaining tab ⑤ then lift the battery out.
- Insert the cover in the lower edge ⑥, then press downwards ⑦ until it engages.



Additional information

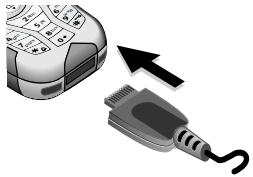
Always switch off your phone before removing the battery!

Only 3V SIM cards are supported. Please contact your service provider if you have an older card.

Functions without SIM card .....p. 119

Charge battery

The battery is not fully charged when delivered. Plug charger cable into the bottom of the phone, plug power supply unit into a mains power socket and charge for at least **two hours**.



Display when charging is in progress

During charging.

Charging time

An empty battery is fully charged after about 2 hours. Charging is only possible within a temperature range of +41 °F – 104 °F. If the temperature rises/falls 41 °F above/below this, the charge symbol flashes a warning. The mains voltage specified on the power supply unit must not be exceeded.

Charge symbol not visible

If the battery has been discharged fully the charge icon is not visible when the charger is plugged in. It will appear after up to two hours. In this case the battery is fully charged after 3–4 hours.

Only use the charger provided!

Display while in service

Charge level display during operation (empty-full):

A beep sounds when the battery is nearly empty. The battery level is only shown correctly during an unbroken charging/discharging cycle. You should therefore **not remove the battery unnecessarily** and where possible **not finish the charging process early**.

Additional information

The charger heats up when used for long periods. This is normal and not dangerous.

Operating time.....p. 116
Outside your home network .....p. 116

Note

Your phone's display is delivered with a protective film.

Remove this film before getting started.

Electrostatic charging can in rare cases lead to discoloring at the edge of the display. This will, however, disappear of its own accord after 10 minutes at the most.

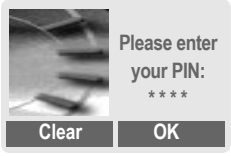
Switch on/off

Hold **down** On/Off/End key to switch on or off.

Enter PIN

The SIM card can be protected with a 4- to 8-digit PIN.

Enter the PIN using the number keys. The characters ******** appear to ensure nobody can read your PIN on the display. Correct errors with **Clear**.



OK Confirm entry with right soft key. Logging on to the network will take a few seconds.

Additional information

Change PIN ..... p. 20
Other network ..... p. 84
SIM card problems ..... p. 117
Clear SIM card barring ..... p. 21

Switching on for the first time

Time/Date

The clock can be set to the right time once at start-up.

Yes Press.

First enter the date (day/month/year), then the time (24 hours, including seconds).

OK Press. The time and date are updated.

Time Zones

Set the time zone for your area.

Select the required time zone from list ...

Set ... and set.

Additional information

If the battery is removed for longer than 30 seconds, the clock must be reset.

Additional clock settings ..... p. 78.

Phonebook or Addressbook

You can choose whether you want to use the **Phonebook** on the SIM card or the internal **Addressbook** as standard.

You can copy the SIM card Phonebook to the Addressbook on the phone. Please **do not interrupt this procedure**. During this time **do not accept incoming calls**. Follow instructions in the display.

To copy data on the SIM card at a later time, highlight entries (see p. 114) and copy these with the function **Copy Into** (Phonebook options menu, p. 34).

You can change the standard phonebook at any time (p. 32).

Signal strength.

Strong receive signal.

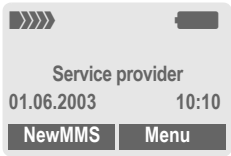
A weak signal reduces the call quality and may lead to loss of the connection. Change your location.

Emergency number (SOS)

Only to be used in real emergencies!

By pressing the soft key **SOS** you can make an emergency call on any network **without** a SIM card and without entering a PIN (not available in all countries).

Standby mode



When the name of the service provider appears on the display, the phone is in **standby mode** and **ready for use**.

The left soft key may have different functions pre-assigned.

Hold **down** the On/Off/End key to return to standby mode from any situation.

Additional information

SIM services (optional) ..... p. 106

User guide

The following symbols are used to explain operation:

Enter numbers or letters.

On/Off/End key.

Call key.

Press the control key on the side indicated.

Soft keys

Menu Displays a soft-key function.

Function dependent on service provider, may require special registration.

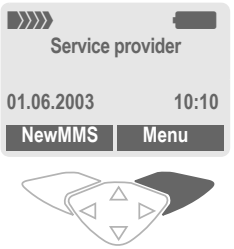
Menu controls

The steps needed to reach a function are shown in a **condensed form** in this user guide, e. g. to display call list for missed calls:

Menu ➝ ➝ **Missed Calls**

This corresponds to:

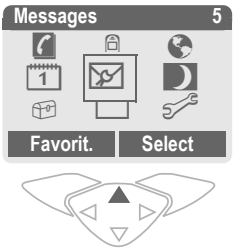
①



Menu Open menu.

From standby mode: press **right** soft key.

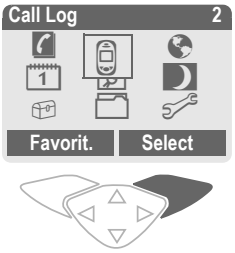
②



Select **Call Log** .

Press **top** of control key.

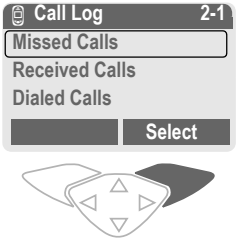
③



Select Press.

Press **right** soft key to open the **Call Log** submenu.

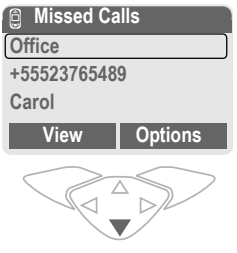
④



Select Press.

Press **right** soft key to open the **Missed Calls** list.

⑤



Scroll to the required entry.

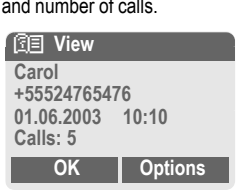
Press control key **at the bottom** to scroll down.

⑥

View Press.

Press **left** soft key to show phone number with date, time and number of calls.

⑦



Codes

The phone and SIM card are protected against misuse by several security codes.

Keep these confidential numbers in a safe place where you can access them again if required.

PIN	Protects your SIM card (personal identification number).
PIN2	This is needed to set the charge detail display and to access additional functions requiring special SIM cards.
PUK PUK2	Key code. Used to unlock SIM cards after the wrong PIN has been entered repeatedly.
Phone code	Protects your phone. Must be entered at the first security setting.

Menu ➜ ✂ ➜ **Security** ➜ **Codes** ➜ Select function

PIN Control

The PIN is usually requested each time the phone is switched on. You can deactivate this feature but you risk unauthorized use of the phone. Some service providers do not permit deactivating the control.

Select Press.

Enter PIN.

OK Confirm input.

Change Press.

OK Confirm.

Change PIN

You can change the PIN to any 4 to 8 digit number you find easier to remember.

Enter **current** PIN.

OK Press.

, **OK** Enter **new** PIN.

, **OK** Repeat **new** PIN.

Change PIN2

(Display only if PIN2 is available). Proceed as with **Change PIN**.

Menu → → Security → Codes

Chg.Phonecode

(Change phone code)

You define the phone code (4–8 digits) when you call up a phone-code protected function for the first time. It is then valid for all phone-code protected functions.

Clear SIM card barring

If the PIN is entered incorrectly three times, the SIM card is barred. Enter the PUK (MASTER PIN), provided by your service provider with the SIM card, according to instructions. If the PUK (MASTER PIN) has been lost, please contact your service provider.

Additional information

Screensaver ..... p. 71
Keylock ..... p. 75
Further security settings ..... p. 82

Change your phone to match your personal requirements.

Ring tones

Assign individual ring tones to caller groups or for special dates (p. 73).

Animations, screensavers, logos, applications

Adjust your phone in the following ways to give it a personal touch and make it just how you want it:

Animations

Choose a start-up and closing animation (p. 71) as well as a personal greeting (p. 71).

Screensaver

Choose an analog clock or a personal picture (p. 71).

(Provider) logo

Choose an individual picture (to be displayed in standby mode) (p. 71).

Background image

Choose your own permanent background image (p. 70).

Applications

Download your own applications from the Internet (p. 67).

Color scheme

Choose a color scheme for the entire service system (p. 70).

Dynamic Light

Signal, for example, calls, incoming SMS or MMS with different LED flash rhythms on the side of your phone (p. 74).

Where do I get what?

You can order additional ring tones, logos and screensavers on the Internet and receive them by SMS/MMS:

www.my-siemens.com/ringtones

www.my-siemens.com/logos

www.my-siemens.com/screensaver

www.my-siemens.com/animations

Or you can download them direct via WAP:

wap.my-siemens.com

Siemens City Portal

Further applications, games and services for your cell phone for your mobile phone (e.g. a Photo Logo Composer to create personal pictures for your Addressbook) can be found at:

www.my-siemens.com/city

The Siemens City Portal also provides a list of countries in which these services are available.

Favorites

Create your own menu with frequently used functions, phone numbers or WAP pages (p. 89).

Dialing with number keys

The phone must be switched on (standby mode).

Enter number (always with area code, if necessary with international dialing code).

Clear A **short** press clears the last digit, a **long** press clears the entire phone number.

Press the Call key. The displayed phone number is dialed.

End call

Press End key **briefly**. The call is ended. Press this key even if the person on the other end of the line has hung up first.

Set volume

Use the control key (top) to start adjusting the volume (only possible during conversation).

Set volume and confirm with OK.

If a Car Kit is used, its volume setting will not affect the usual setting on the phone.

Redial previous numbers

To redial the phone number **last** called:

Press Call key **twice**.

To redial other numbers that were dialed previously:

Press the Call key once.

Pick out the required phone number from the list, then press ...

... to dial.

Additional information

→📖 Save phone number in Address-book/Phonebook ..... p. 33, p. 37
Options Call lists ..... p. 42
Hold ..... p. 25
menu Call menu ..... p. 27
Forward Set divert ..... p. 75
Speaker. Speakerphone ..... p. 25
Microphone off ..... p. 27
Voice dialing ..... p. 40
Auto Key Lock ..... p. 75
Phone number transmission off/on (Hide ID) ..... p. 75
International dialing codes ..... p. 115
Phone number memo ..... p. 117
Control codes (DTMF) ..... p. 113

If the number is busy

If the number called is busy or cannot be reached, several options are available (depending on the service provider). An incoming call or any other use of the phone interrupts these functions.

Either

Auto. redial

Auto Dial Press. The phone number is automatically dialed ten times at increasing time intervals. End with:

End key.

Or

Call back

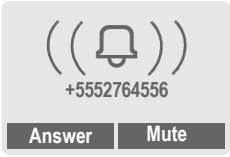
Call back Press. Your phone rings when the engaged number is free. Press the Call key to dial the number.

Reminder

Prompt Press. A beep reminds you to redial the displayed phone number after 15 minutes.

Accept call

The phone must be switched on (standby mode). An incoming call will interrupt any other use of the phone.



Answer Press.

Or

Press.

If the phone number has been transmitted by the network, it is displayed. If the caller's name also appears in the Phonebook or Addressbook, this will appear instead of the number. If set, a picture can be displayed instead of the bell icon (p. 37).

Warning!

Please make sure you have accepted the call before holding the phone to your ear. This will avoid damage to your hearing caused by a loud ringtone!

Reject call

Reject Press. The call will be diverted if this has been set previously (p. 75).

Or

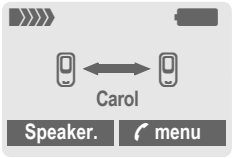
Press **briefly**.

Additional information

Missed calls ..... p. 42
Accept call using any key ..... p. 75
Switch off ringer ..... p. 112

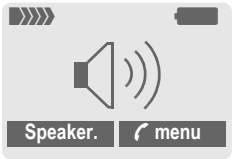
Speakerphone

You can put the phone aside during a call. You can then hear the caller via the loudspeaker.



Speaker. Activate handsfree talking.

Yes Switch on.



Use the control key to adjust the volume.

Speaker. Switch off.

Warning!

Always switch off "handsfree talking" before holding the phone to your ear! This will avoid damage to hearing!

menu Call menu ..... p. 27

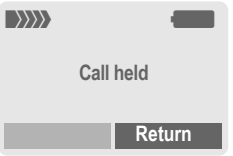
Swapping between 2 calls

Establish a second connection

You can call another number during a call.

menu Open call menu.

Hold The current call is put on hold.



Now dial the new number (Phonebook/Addressbook).

When the new connection is established:

menu Open call menu

Swap Swap back and forth between the calls.

- **End current call**

End the current call and press **Yes**. You are now connected to the caller.

Incoming calls during a call

You may need to register for this service with your service provider and set your phone accordingly (p. 75).

During a call, you may be advised that there is another call waiting. You will hear a special tone during the call. You have the following options:

- **Accept the waiting call**

Swap Accept the waiting call, putting the current call on hold to do so. Always proceed as above to swap between the two calls.

End call

Press the End key. The following is displayed:
Return to held call?

Accept the waiting call by pressing **Yes**.

Or

End the second call also by pressing **No**.

- **Reject waiting call**

Reject Reject the waiting call.

- **Accept the waiting call and end the current call**

End the current call.

Answer Accept the new call.

Multi Party

Call up to 5 parties one by one and link them together in a conference call. Some of the functions described may not be supported by your service provider or may have to be enabled specially. You have established a connection:

menu — Open menu and select **Hold**. The current call is put on hold.

Now dial a new number. When the new connection is established ...

menu — ... open menu and select **Multi Party**. The held call is joined.

Repeat procedure until all participants are linked together (up to 5 participants).

End

All calls in the conference finish simultaneously when the End key is pressed.

Call menu

The following functions are only available during a call:

menu — Open menu.

Hold	(p. 25)
Mute	Switch microphone on/off. If switched off, the person on the other end of the line cannot hear you (muting). Also: hold down.
Speaker-phone	(p. 25)
Volume	Adjust handset volume.
Multi Party	(See above)
Time	Display call duration and if set (p. 43) costs accruing during the call.
Send DTMF	(p. 113)
Call transfer	The original call is connected to the second one. For you, both calls are now ended.
Main Menu	Access to main menu.
Call Status	List all held and active calls (e.g. conference call participants).

Text entry without T9

Press number key repeatedly until the required letter appears. The cursor will jump forward after a brief interval. Example:

Press briefly once for **a**, twice for **b** etc. The first letter of a name is automatically written in upper case.

Hold down to write the number.

Ä,ä,1-9 Umlauts and numbers are displayed after the relevant letters.

Clear **Press briefly** to delete the letter before the cursor, **hold down** to erase the whole word.

Move the cursor (forwards/back).

Press briefly: Swap between **abc, Abc, T9abc, T9Abc, T9ABC, 123**. Status shown in top line of display.

Hold down: All input modes are displayed.

Press briefly: Special characters are shown.

Hold down: Open input menu.

Press once/repeatedly:

. , ? ! ' " 0 - ( ) @ / : _

Hold down: Writes **0**.

Writes blank. Press twice = jumps a line.

Special characters

Press **briefly**. The symbols chart is displayed:

1)	¿	¡	_	;	.	,	?	!	+	-
"	'	:	*	/	(	)	¤	¥	$	£
€	@	\	&	#	[	]	{	}	%	~
<	=	>	|	^	§	Γ	Δ	Θ	Λ	Ξ
π	Σ	Φ	Ψ	Ω						

1) Line skip

Navigate to character.

Select Press.

Input menu

With text input:

Hold **down**. The input menu is displayed:

Text Format (SMS only)

Input language

Mark Text

Copy

Text entry with T9

T9 deduces the correct word from the individual key entries by making comparisons with an extensive dictionary.

Activate, deactivate T9

Options Open text menu.

T9 Input Select.

T9 Preferred Select.

Edit Activate T9.

Select Input language

Select the language in which you want to compose your message.

Options Open text menu.

T9 Input Select.

Input language Select.

Select Confirm. The new language is set. Languages with T9 support are marked by the T9 symbol.

T9 language versions

If you want to load a dictionary in another language, you will find a large selection to download from the Internet as well as installation instructions under:

www.my-siemens.com/t9

Write a word using T9

Since the display changes as you proceed,

it is best if you finish a word without looking at the display.

Simply press the keys **once only** where the relevant letter is located. For "hotel", for example:

press briefly for T9Abc then type

Press. A blank ends a word.

Do not use special characters such as Ä but rather use the standard characters, e.g. A; T9 will do the rest for you.

Additional information

Set a period. A word is concluded when followed by a space. Within a word, a period represents an apostrophe or hyphen:

e.g. provider.s = provider's.

Go to the right. Ends a word.

Press briefly: Swap between: abc, Abc, T9abc, T9Abc, 123. Status shown in top line of display.

Hold down: All input modes are displayed.

Press briefly: Select special characters (p. 28).

Hold down: Open input menu (p. 28).

T9 word suggestions

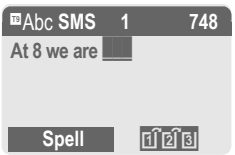
If several options are found in the dictionary for a key sequence (a word), the most probable is displayed first. If the word you want has not been recognized, the next suggestion from T9 may be correct.

The word must be highlighted. Then press

1 2 3 again. The displayed word is replaced with a different word. If this word is also incorrect, press

1 2 3 again. Repeat until the correct word is displayed.

If the word you want is not in the dictionary, it can also be written without T9.



To add a word to the dictionary:

Spell Select.

The last suggestion is deleted and the word may now be entered without T9-support. Press Save to add it automatically to the dictionary.

Correct a word

Words written **with** T9:

Move left or right, word by word, until the required word is highlighted.

1 2 3 Scroll through the T9-word suggestions again.

Clear Deletes the character to the left of the cursor **and** displays a new possible word!

Words **not** written with T9:

Move letter by letter to the left/right.

Clear Deletes the letter to the left of the cursor.

Letters are inserted at the cursor position.

Additional information

Within a "T9-word", individual letters may not be edited without first removing the T9-status. In most cases it is better to rewrite the complete word.

T9® Text Input is licensed under one or more of the following: U.S. Pat. Nos.5,818,437, 5,953,541, 5,187,480, 5,945,928, and 6,011,554; Canadian Pat. No. 1,331,057; United Kingdom Pat. No. 2238414B; Hong Kong Standard Pat. No. HK0940329; Republic of Singapore Pat. No. 51383; Euro. Pat. No. 0 842 463 (96927260.8) DE/DK, FI, FR, IT, NL, PT, ES, SE, GB; and additional patents are pending worldwide.

Text Modules

Text modules can be stored in the phone for adding to your messages (SMS, MMS, e-mail).

Write text modules

Menu ➜ ✉ ➜ Text Modules

Options — Select New Text.

— Write text module.

Options — Select Save.

Accept the default name or give it a new name, then save with OK.

Use text modules

— Write message (SMS, MMS, e-mail).

Options — Open text menu.

— Select Text Modules.

— Select text module from the list.

Select — Confirm. The text module is displayed.

Select — Confirm. The text module is inserted in the message to the right of the cursor.

Menu →
→ Select function.

Show Entries

Entries in the standard directory (Addressbook or Phonebook) are shown for selection.

Select a name with the first letter and/or scroll.

The number is dialed.

<New Entry>

Create new entry in standard directory.

Phonebook (see p. 33)

Addressbook (see p. 37)

Default Book

Select the Phonebook (only one phone number possible per entry) or the Addressbook as your standard directory (default book). Your preference should be for the Addressbook, because more entries and functions (e.g. pictures, birthdays, several phone numbers per entry, etc.) are possible.

Select **Phonebook** or **Addressbook**.

Select — Set as standard.

Groups

(see p. 41)

Businesscard

Create your own business card. Send it as an SMS/MMS to another GSM-phone.

If no business card has been created yet, you will be asked for your input.

Move from field to field to put in your details. You will find explanations of these input fields on p. 37 and p. 38.

Last name:	E-mail 2:
First name:	URL:
Phone:	Company:
Phone/office:	Street:
Phone/mobile:	City:
Fax:	ZIP code:
Fax 2:	Country:
E-Mail:	Birthday:

Save — Press.

Additional information

The content of the business card corresponds to international standards (vCard).

📖→ — Copy numbers from Addressbook/Phonebook.

Options — See Addressbook menu (p. 39).

Service numbers

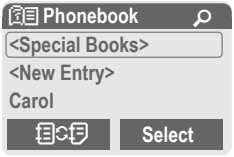
(see p. 117)

Entries in the Phonebook (on the SIM card) are managed separately from those in the Addressbook. You can, however, exchange data between the Phonebook and the Addressbook.

<New Entry>

If the Phonebook is set as standard (Addressbook as standard, p. 32):

Open Phonebook (in standby mode).



Select **<New Entry>**.

Select Press.

Select input fields.

Fill in the input fields described below. The maximum number of characters available is displayed at the top of the screen.

Number:

Always enter phone number with dialing code.

Name:

Enter first and/or last names.

Group:

Assign the entry to a group (p. 41).

Location:

Default: **SIM**

Select the storage location, such as **SIM** or **Protected SIM** (p. 35).

Record no.:

Each entry is automatically assigned a record number. You can also dial using the record number (p. 34).

Change the record number.

Save Press to store the new entry.

Additional information

Temporary swap to Addressbook ..... p. 37

+List International dialing code ....p. 115

Store control codes .....p. 113

Text entry .....p. 28

<Special Books>:
<Own numbrs>: enter personal phone numbers, (p. 116), **<VIP Numbers>**: assign important numbers to group, **<SIM Phonebook>** (p. 35), **<Protected SIM>** (p. 35), **<Service Numb.>** (p. 117).

Call (search for an entry)

Open Phonebook.

Select a name with the first letter and/or scroll.

Number is dialed.

Call using record no.

A record number is automatically assigned to every new entry in the Phonebook.

Enter record number.

Press.

Press.

Change entry

Select entry in Phonebook.

Options Press and select **Edit**.

Select input field.

Edit.

Save Press.

Phonebook menu

The following functions are available, depending on the current situation. Some functions may be applied to the current entry as well as multiple highlighted entries:

Options Open menu.

View	Display entry.
Edit	Open the entry to edit.
New Entry	Create new entry.
Copy Into	Copy entry/entries to the Addressbook.
Copy All to	Copy all entries to the Addressbook.
Delete	Delete entry.
Delete All	Delete all entries after confirmation.
Mark	Activate highlighting mode; the entry currently selected is highlighted (p. 114).
Mark All	Activate highlighting mode; all entries are highlighted (p. 114).
Send...	(p. 111)
Capacity	Display maximum and available capacity.

Location:

An entry can be moved from one storage location to another.

SIM (Standard)

Entries stored in the Phonebook on the SIM card can also be used on other GSM phones.

Protected SIM

On special SIM cards, phone numbers can be stored in a protected location. PIN2 is required for editing (p. 20).

Activate with the function Only (p. 82).

Menu ➝ ✉ ➝ Msg. Setup ➝ Voice Message

Most service providers supply an external voice mail service. A caller may leave a voice message for you in this mailbox

- if your phone is switched off or not ready to receive,
- if you do not want to answer,
- if you are making a phone call (and Call Waiting is not activated, p. 75).

If voice mail is not part of your service provider's package, you will need to register and settings may have to be made manually. The following description may vary slightly, depending on the service provider.

Settings:

The service provider supplies you with two phone numbers:

Save mailbox number

Call this phone number to listen to the voice mails left for you.

Menu ➝ ✉ ➝ Msg. Setup ➝ Voice Message

📖/ Select number from Phonebook/Addressbook or enter/change it.

OK Confirm.

Save call forward number

Calls are forwarded to this phone number.

Menu ➝ ✂ ➝ Phone Setup ➝ Call Forward ➝ e.g., Unanswered ➝ Set

Enter call forward number.

OK Registration with network. Forward will be confirmed after a few seconds.

Further information on call forward can be found on p. 75.

Listening to message

A new voice mail can be announced as follows, depending on the service provider:

Icon plus beep.

Or

A text message announces a new voice mail.

Or

You receive a call with an automatic announcement.

Call your mailbox and play back the message(s).

1 Hold **down** (if necessary enter mailbox number once only). Confirm with OK and Mailbox depending on your service provider.

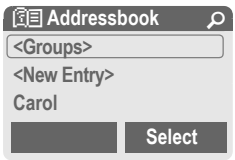
Away from your home network you may have to dial a different mailbox number and enter a password before you can listen to any messages.

The Addressbook can store up to 500 entries, each with a variety of telephone and fax numbers as well as additional address details. These entries are managed separately from those in the Phonebook in the phone memory. However, you can exchange data between the Addressbook and the Phonebook on the SIM card.

<New Entry>

If the Addressbook has been selected as standard:

Open Addressbook (in standby mode).



Select Press.

Enter first and/or last name.

Group Entries can be organized by groups (p. 41). Select with **Change**.

Make further entries field by field.

Phone:	**URL:** (Internet address)
Phone/office:	**Company:**
Phone/mobile:	**Street:**
Fax:	**City:**
Fax 2:	**ZIP code:**
E-Mail:	**Country:**
E-mail 2:	**Birthday:** (p. 38)

Picture **Change** Assign a picture to an Addressbook entry. It is displayed if you are called by the corresponding phone number (see p. 109).

All Fields **Select** Show all input fields if the display was previously reduced (see p. 39, Addressbook menu, **Field Setup**).

Save Save the entry.

Additional information

<Groups>	Group functions (p. 41).
Birthday	After entering the date of birth, the "box" can be activated. You can now enter the time for the reminder, and add a picture. The phone will then remind you with an acoustic tone and also with a display one day before the birthday and on the birthday.
→📖	Copy data from another Addressbook entry.
+List	Copy international dialing code from the list (p. 115).
📇⇄📇	Temporarily switch to Phonebook.

Synchronizing with a PC

Using XTNDConnect® PC (p. 122) you can synchronize your Addressbook with Outlook® or Lotus Notes™.

Using **Remote Sync.** you can synchronize your cell phone with an organizer stored on the Internet (p. 105).

Change entry

Open Addressbook (in standby mode).

Select required entry.

View Press.

Select input field.

Edit Open entry.

Make changes.

Options See below.

Save Save setting.

Right soft key:

When you jump from line to line while reading, the right soft key changes depending on the type of data. Press this key to activate the relevant application:

VoiceDial	Voice dialing menu (p. 40).
E-mail	Create e-mail (p. 55).
Link	Visit URL (p. 64).
Show	Display respective picture.

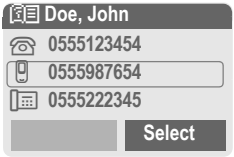
Call (search for an entry)

Open Addressbook (in standby mode).

Select a name with the first letter and/or scroll.

The number is dialed.

If an Addressbook entry has several numbers stored:



Select phone number.

The number is dialed.

Addressbook menu

Depending on the actual situation, different functions will be offered. These functions can be applied to the entry currently selected as well as to multiple selected entries:

Options Open menu.

View	Display entry.
Edit	Open the entry to edit.
New Entry	Create new entry.
Move to ...	Assign entry to a group.
Copy to SIM	Copy entry/entries with name and selected phone number to SIM card.
Delete	Delete entry.
Delete All	Delete all entries after confirmation.
Mark	Switch on highlighting mode (p. 114).
Mark All	Activate highlighting mode; all entries are highlighted (p. 114).
Filter	Display only those Addressbook entries with the following criteria: • **Voice Dialing** • **E-mail** • **URL** • **Birthday** • **Bitmap**
Business-card	Define an entry as your **own** business card.
Voice Dialing	Apply voice dialing to an entry (p. 40).
Send...	(p. 111)
Capacity	Display maximum and available capacity.
Field Setup	Select visible input fields for new entry.

Voice Dialing

Dial numbers by voice command. Up to 20 recorded names for voice dialing or voice commands (p. 104) can be saved on the cell phone (not on the SIM card).

Record

Open Addressbook (in standby mode).

Select a name with the first letter and/or scroll.

Options Open menu.

Voice Dialing
Select.

Choose phone numbers, if there are more than one.

Record Press.

Start Start recording.

A short signal sounds. Now speak the name. After a second beep and message in the display, **repeat** the name. A beep now confirms the recording, which is saved automatically.

Voice dialing menu

Depending on the actual situation, different functions will be offered.

Options	Open menu.
Play	Play back a voice command.
New	Record a new voice command.
Delete	Delete voice command from an entry.
Delete All	After confirmation delete all voice commands for this entry.

Apply voice dialing

Hold **down**. Start voice dialing (in standby mode).

Now speak the name. The number is dialed.

Additional information

Noisy environments may affect voice recognition. If attempt was unsuccessful, press the control key once more and repeat the name.

Nine groups are specified in your phone to enable you to arrange your Addressbook entries clearly. You can rename seven groups.

Open Addressbook (in standby mode).

<Groups> Select (the number of entries is listed behind the group name).

Select group.

Options Open menu.

Rename Group
Select and give group a name.

Additional information

No Group: Contains all Addressbook entries that do not belong to a group (name cannot be changed).

Received:: Contains vCard Addressbook entries received by SMS (name cannot be changed).

SMS to group ..... p. 46

Group menu

Options	Open menu.
Open	Display all members of the selected group. **View** Addressbook, p. 38. **Options** See p. 39.
Group Symbol	Assign a symbol to a group, see below.
Rename Group	Change name of group.

Group Symbol

Assign to a group a symbol that appears on the display when one of its members calls you.

Select group.

Options Open menu.

Group Symbol
Select.

Choose a symbol.

OK Confirm.

Call Log

Your phone stores the phone numbers of calls for convenient redialing.

Menu →

Select — Press.

— Select call list.

Select — Press.

— Select phone number.

— Dial phone number.

Or

View — Display information on the phone number.

10 phone numbers can be stored in each call list:

Missed Calls

The phone numbers of calls that you have received but not answered are stored for call back purposes.

— Icon for missed call (in standby mode). Press the control key (on the left) to display phone number.

Requirement: the network supports the "Caller Identity" feature.

Received Calls

Accepted calls are listed.

Dialed Calls

Access to the last numbers dialed.

— Fast access in standby mode.

Clear Log

The records are deleted.

Options — Open list menu.

View	View entry.
Correct No.	Load number to display and edit there if necessary.
Copy Into	Store entry in the Addressbook/Phonebook (see also below).
Delete	Delete entry after confirmation.
Delete All	Delete all entries in call list after confirmation.

Additional information

When copying to the Addressbook a new entry can be created with the phone number or an existing entry can be corrected. Once the input field has been selected, the phone number is transferred to the entry with Paste.

You can display charge details and the duration of different types of calls while you speak, as well as setting a unit limit for outgoing calls.

Menu ➜ ➜ **Durat/Charges**

Select type of call:

Last Call
All Outg. Calls
All Incom.Calls

Select Show data.

Once displayed you can:

Reset Reset display.

OK End display.

Charge Setting

Menu ➜ ➜ **Durat/Charges** ➜ **Charge Setting**

Currency

(PIN2 prompt)

Enter the currency in which the charge details are to be shown.

Personal Rate

(PIN2 prompt)

Enter the charges per unit/period.

Acct. Limit

(PIN 2 prompt)

Special SIM cards allow you or the service provider to define a credit or a period after which the phone is barred for outgoing calls.

Change Press, enter PIN2.

Acct. Limit Switch on.

Enter number of units.

OK Confirm.

Then confirm the credit or reset the counter. The status display for prepaid cards may vary, depending on the service provider.

You can transmit and receive very long messages (up to 760 characters) on your phone. They are automatically composed of several "normal" SMS messages (note higher charges).

Additionally you can insert pictures and sounds in an SMS.

Depending on the service provider, e-mails and faxes can also be sent and e-mails received via SMS (change setting if necessary, p. 59).

Write/send text messages

Menu ➔ ✉ ➔ **New SMS**

Text input using "T9" (p. 29) allows you to create longer messages very quickly using just a few key strokes.

Clear Press **briefly** to delete letter by letter, hold **down** to delete an entire word.

Press.

Dial number or pick out from the Phonebook/ Addressbook.

Groups SMS to group (p. 46).

OK Confirm. Send the SMS to the service center for transmission. The sent SMS is saved in the "Sent" list.

OK Return to Edit mode.

Display in the uppermost line:

T9Abc **SMS** **1** **746**
We start at 8.

T9Abc	T9 active.
abc/Abc/ ABC/123	Switch between upper-case/ lower-case letters and digits.
SMS	Display title.
1	Number of SMS messages required.
746	Number of characters still available.

Additional information

Insert pictures & sounds into text .....p. 45
SMS profile.....p. 59
Message type, **Validity period**, **Service Center** may be requested... p. 59
SMS status report.....p. 117
Enter special characters.....p. 28

Text menu

Options Open text menu.

Send	Enter recipient's phone number/select from Phonebook/Address-book, then send.
Save	Save composed text in draft list.
Picture&Sound	Add pictures, animations and sounds into message (see following text).
Text Modules	Insert text module (p. 31).
Format	**Line Feed** **Medium Font** **Underline** **Def. Alignment** **Mark Text** (highlight text using control key)
Delete Text	Delete the whole text.
Insert From...	Insert entry from Phonebook/Address-book.
T9 Input (p. 28)	**T9 Preferred:** Activate/deactivate T9. **Input language**: Select language for text.
Send via ...	Select an SMS profile for transmission (p. 59).

Picture&Sound

Insert pictures and sounds into message.

Write message.

Options Open text menu at the end of a word.

Select **Picture&Sound**.

The menu contains:

Fix animations

Fix sounds

Select section.

Select Confirm.

The first entry of the selected section is displayed.

Scroll to entry required.

For **Fix animations**/**Fix sounds**:

Select The selection is added to the SMS.

Additional information

Playback only occurs if the destination phone supports the EMS standard (p. 114).

In input mode, a wildcard is shown when a melody is selected.

SMS to group

You can send an SMS message as a "circular" to a recipient group.

Options Open menu.

Send Select.

Groups Press. The Addressbook is opened in highlighting mode (p. 114). There are the following options:

- Highlight individual entries.
- Select **<Groups>**, open a group and highlight individual entries/all entries there.
- Select **<Groups>**. Select a group.

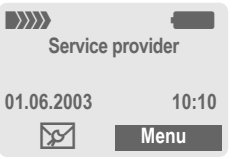
Send Press. The first of the highlighted recipients is displayed. If this recipient has several phone numbers, one number can be selected.

Skip Skip recipient.

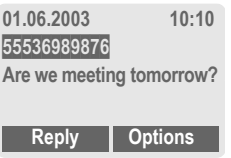
Send Transmission is started after confirmation.

Read SMS

Arrival of new SMS announced on display.



Press the left soft key to enter the New Messages menu. Highlight Text Msgs, then hit **Select** to read SMS messages.



Scroll through message line by line.

Reply See below.

Options See p. 48.

Additional information

Pictures and sounds in SMS .....p. 45
Message memory full .....p. 116
Use highlighted phone number/e-mail address/WAP-address .....p. 117

Reply menu

Reply Open reply menu.

Write Mess.	Create a new reply text.
Edit	Edit received SMS or add new text.
Call back **Delay** **Thank you**	Add a standard text as a reply to the SMS.

When the SMS has been edited in the edit mode, it can be saved or sent with **Options**.

Ring tones, icons ...

You can receive links for downloading ring tones, logos, screensavers, animations and information about applications (p. 68) with an SMS. Please highlight this link and, by pressing the Call key, start the download.

Please ensure that the HTTP profile (p. 69) and the connection (p. 80) are configured. The settings may have already been installed by your service provider.

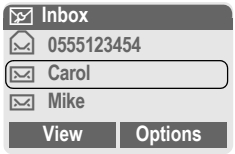
Lists

All SMS messages are archived in four different lists, according to their status:

Inbox

Menu ➜ ✉ ➜ **Inbox** ➜ **SMS**

The list of received SMS messages is displayed.



Draft

Menu ➜ ✉ ➜ **Draft** ➜ **SMS**

The list of not yet transmitted SMS messages is displayed.

Unsent

Menu ➜ ✉ ➜ **Unsent** ➜ **SMS**

The list of concatenated SMS messages not yet completely sent is displayed. Transmission can be restarted.

Sent

Menu ➜ ✉ ➜ **Sent** ➜ **SMS**

The list of sent SMS messages is displayed.

Lists menu

Each list offers different functions:

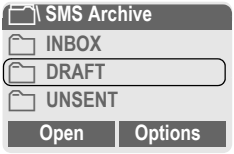
Options Open menu.

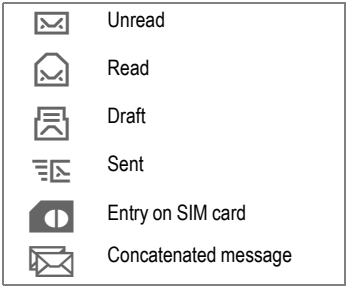
View	View entry.
Reply	Answer incoming SMS messages immediately.
Delete	Delete selected SMS messages.
Delete All	Delete all SMS messages after confirmation.
Send	Dial number or select from the Phonebook, then send.
Edit	Open SMS message to edit.
Capacity	Display free capacity on SIM card/phone. In case of segments: number of concatenated SMS messages.
Set as Unread	Mark message as unread.
Save No.to	Copy a highlighted phone number to Phone/Addressbook.
Archive	Move SMS message to archive.
Send via ...	Select an SMS profile for transmission (p. 59).
Picture&Sound	Save pictures or sounds from the SMS.
Status Report	You will receive confirmation whether delivery of a message has been successful or unsuccessful. This service may be subject to a charge.

SMS Archive

Menu ➔ ✉ ➔ **SMS Archive**

The list of SMS messages stored in the phone is displayed.





Different functions are available, depending on the context:

Archive menu

Options Open menu.

View	View entry.
Send	Dial number or select from the Phonebook, then send.
Edit	Open edit mode for changes.

For further services, see **File Manager**, p. 109.

The **M**ultimedia **M**essaging **S**ervice enables you to send texts, pictures (also photos) and sounds in a combined message to another cell phone or to an e-mail address. All elements of an MMS message are merged to form a "slide show".

Depending on your phone's settings, you will receive either the complete message automatically or notification that an MMS has been saved in the network, giving sender and size details. You may then download it to your phone to read it.

Ask your service provider whether this service is available. You may need to register for this service separately.

Write/send MMS messages

An MMS consists of the address header and the content.

An MMS message can consist of a series of pages, each one of which may include a combination of text, sounds and pictures.

Texts can be written with the help of T9 (p. 29).

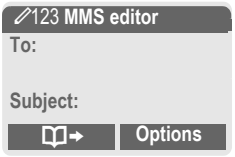
Pictures and **graphics** that have been produced with accessories such as digital cameras can be attached in JPEG, WBMP, GIF or GIF format. See also **File Manager**, p. 109.

Music is sent and received in a MIDI file, single tones/sounds in an AMR file.

Navigation

Scroll line by line with the control key.

Menu ➜ ✉ ➜ **New MMS**



Input fields:

To: 📖➜/⌨ Phone number/e-mail address of recipient(s).

Subject: Enter MMS heading (up to 40 characters)

Picture: **Insert** Press. The picture list is opened for selection (see also **File Manager**, p. 109).

Text: **Edit** Press. Write text with the help of T9. Text menu, see p. 50.

Tones/Alerts:

Insert Press. You can now select a stored melody (see also **File Manager**, p. 109).

Slide duration

Enter length of display for individual pages (minimum 0.1 seconds).

Attach extra pages

Options Open menu.

New Slide Select.

Additional information

No more than 20 phone numbers/ addresses, (of 50 characters each) can be addressed.

Options MMS main menu ..... p. 51

Attach business card

Options Open menu.

Extras Select.

Scroll to **Businesscard**.

Attach business card.

Attach appointment

Options Open menu.

Extras Select.

Scroll to **Appointment**.

Import appointment from calendar.

Check MMS

Check the MMS message before sending it:

Options Open menu.

Preview Slide

View a single page.

Prev. Message

Play back the whole MMS in the display. Use any key to cancel.

Send MMS

Options Open menu.

Send Select.

Text menu

Options Open menu.

Line Feed	Start new line.
Save	Save MMS text.
Delete Text	Delete the whole text.
T9 Input (p. 28)	**T9 Preferred**: Activate/ deactivate T9. **Input language**: Select language for text.
Text Modules	Insert text module (p. 31).

MMS menu

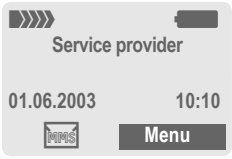
Different functions are available, depending on the context:

Options Open menu.

Insert Line	Extend address field by one line.
Delete	Delete entries.
Insert From...	Insert number from Phonebook/Addressbook and appointments/tasks.
Send	Send MMS.
Save	Store MMS in the draft list.
New Slide	Insert new page behind current one.
Delete Item	Delete element on a page.
Delete Slide	Delete page currently displayed.
Preview Slide	Playback of complete page.
Slide List	Display pages available for selection.
Prev. Message	Playback of complete MMS. Use any key to cancel.
T9 Input (p. 29)	**T9 Preferred:** Activate/deactivate T9. **Input language**: Choose language in which the text is to be written.
Attributes	**Date:**, **Size:**, **Priority:** of the MMS must be shown.
Extras	Enter other features of MMS and attach **Businesscard** and **Appointment**.

Receive MMS

MMS/N Indicates receipt of an MMS/a notification.



Press the left soft key to read the MMS or notification.

Depending on the setting, (p. 60) the

- complete MMS is received
- the notification is opened. Press **Receiving** to receive the complete MMS.

Press any key to break off function.

Read MMS

Play Automatic presentation of the MMS. Use any key to cancel.

Scroll page by page with the control key.

Call up individual pages directly by number key.

Attachment

A single MMS can contain several attachments.

Options Open menu.

Attachment Select.

Select attachment.

Open The attachment is opened with the available application.

Save The attachment is saved under a name.

Pictures and sounds

Pictures and sounds received in an MMS can be saved separately e.g., for use as a ring tone or background image. To do this, stop the MMS by pressing any key, or alternatively scroll through to the required page.

Options Open menu.

Content Select.

Proceed as for attachments above. Show as icons at the top of every page.

Functions for editing MMS can be found under **Options**.

Lists

All MMS messages are saved in four different lists:

Inbox

Menu ➜ ✉ ➜ Inbox ➜ MMS

The list of MMS messages and notifications received is displayed. To receive an MMS subsequently, open notification and press Receive MMS.

Draft

Menu ➜ ✉ ➜ Draft ➜ MMS

The list of stored drafts is displayed.

Unsent

Menu ➜ ✉ ➜ Unsent ➜ MMS

The list of the MMS messages not yet completely transmitted is displayed.

Sent

Menu ➜ ✉ ➜ Sent ➜ MMS

The list of sent MMS messages is displayed.

Lists menu

Each list offers different functions:

Options Open menu.

Play	Play back MMS.
Edit	Open edit mode for changes.
Reply	Reply to MMS immediately.
Receive MMS	Start inward transmission of MMS when only notification is highlighted (p. 60).
Receiv.all MMS	Start receipt of all new MMS messages.
Forward	Forward MMS to new recipients.
Delete	Delete selected MMS messages.
Delete All	Delete all entries after confirmation.
Set as Unread	Mark MMS as unread.
Save No.to 📇	Copy phone number/e-mail address into Phonebook/ Addressbook.
Attributes	Information on MMS is displayed: • Sender • Arrival time • Subject • Size • Priority
Capacity	Size of current MMS as well as capacity still available are shown.

Preview Slide	Play back current page.
Slide List	Display pages available for selection.
Attachment	Open list of attachments received.
Content	Selection of page contents to be archived, such as picture or sound.
Save	Store MMS in outbox list.

Icon	Meaning
	MMS unread
	MMS read
	MMS draft
	MMS sent
	MMS read and forwarded
	MMS read with dispatched confirmation
	Notification unread
	Notification read

Your phone has an e-mail program (client). You can use it to create and receive e-mails.

Write/send e-mails

Menu ➔ ✉ ➔ New E-mail

Enter e-mail address

📖➔/ **To:** E-mail address of receiver(s).

Cc: E-mail address for the copy recipient.

Bcc: E-mail address for blind copy recipients (the other recipients are not shown the Bcc recipient).

Attach.: See below.

✳ Press **briefly** to write special characters such as @ (p. 28).
T9 helps you write e-mails (p. 29).

Subject:
Enter e-mail heading (max. 255 characters).

Content: Enter text.

Options Open menu.

Send Send e-mail.

Add attachments

A file from the file system (e.g. ring tone) can be inserted in an e-mail as an attachment (p. 109).

Attachment
Open file system.

Select file to be inserted.

Mark Highlight file.

OK Copy file as an attachment.

E-mail editor menu

Options Open menu.

Insert Line	Extend address field by one line.
Delete Line	Delete line in address field.
T9 Input (p. 28)	**T9 Preferred:** Activate/deactivate T9. **Input language**: Select language for text.
Insert From...	Insert entry from Phonebook/Addressbook.
Attachment	See above.
Save	Save in draft list.
Send	Establish connection with server and send e-mail. If necessary, select different access (p. 80).
Send Later	Transfer to outbox list to be sent later.

Receive e-mail

Menu ➔ ✉ ➔ Inbox
➔ Receive E-mail

Before an e-mail can be read, it must be retrieved from the server. The service provider is dialed with the default access profile (p. 80) and all e-mails are transmitted to the inbox list.

Additional information

The e-mail client always receives complete messages including header, content and, if applicable, attachments. You can restrict the size of the received messages (p. 61).

A maximum of 50 e-mails can be stored in the phone. E-mail size is limited to 99 KB.

Synchronizing with a PC

With XTNDConnect® PC (p. 122) you can synchronize your incoming/outgoing e-mails with Outlook® or Lotus Notes™.

E-mail	With attachment	Meaning
		Unread
		Read
		Draft
		Sent

Read new e-mail

Menu ➔ ✉ ➔ Inbox ➔ E-mail

Select e-mail.

View The e-mail is displayed.

Switch between small, normal and large font sizes.

Scroll line by line with the control key.

The left soft key offers different functions depending on which text area you have selected:

➔📖 E-mail addresses/phone numbers in the message are highlighted and can be stored in the Address-book.

📞 Dial phone number or start new e-mail.

Save Save attachment (e.g. bitmap).

Reply Reply to sender.

Link Start WAP browser and visit URL (p. 64).

Read menu

Different functions are possible, depending on the context:

Options Open menu.

Reply	The original e-mail is retrieved. The sender is entered as recipient and can be changed as can the header and CC.
Reply to all	As above, but all recipients are listed in the "Send to" field.
Forward	The original e-mail is retrieved. Enter the new recipient to whom it should be forwarded.
Edit	To edit, open e-mail in edit mode.
Delete	Delete selected e-mail.
Delete All	Delete all e-mails in the inbox or outbox.
Font size	Select font size.
Save attach.	The attachment is stored in the file system (File Manager, p. 109).

Lists

All e-mails are stored in four different lists:

Inbox

Menu ➝ ✉ ➝ **Inbox** ➝ **E-mail**

The list of received e-mails is displayed.

Select e-mail.

View The e-mail is displayed for reading.

Draft

Menu ➝ ✉ ➝ **Draft** ➝ **E-mail**

The list of draft e-mails is displayed.

Unsent

Menu ➝ ✉ ➝ **Unsent** ➝ **E-mail**

The list of e-mails not yet transmitted is displayed.

Menu ➝ ✉ ➝ **Unsent** ➝ **Send E-mail**

Send all e-mails lined up for transmission to the server.

Menu ➝ ✉ ➝ **Unsent** ➝ **Snd/Rec. Mail**

Transmit all e-mails lined up for transmission to the server and receive all new e-mails from the server.

Sent

Menu ➜ ✉ ➜ **Sent** ➜ **E-mail**

The list of transmitted e-mails is displayed.

Lists menu

Each list offers different functions:

Options Open menu.

View	(p. 56)
Edit	Edit e-mail.
Reply	The original e-mail is retrieved. The sender is entered as recipient and can be changed as can the header and CC.
Reply to all	As above, but all recipients are listed in the "Send to" field.
Forward	The original e-mail is retrieved. Enter the new recipient to whom it should be forwarded.
Delete	Delete selected e-mail in phone.
Delete All	Delete all e-mails in phone.
Sort	Sort • by subject • by sender • by recipient • by date/time • by status Not all sort criteria are possible in all lists.
Send E-mail	Establish connection with server and send e-mails.
Receive E-mail	Establish connection with server and receive incoming e-mails.
Snd/Rec. Mail	Establish connection with server, send e-mails and receive incoming e-mails.

SMS profiles

Menu ➜ ✉ ➜ **Msg. Setup** ➜ **SMS**

Up to 5 SMS profiles can be set. The transmission characteristics of an SMS are defined in these. The presetting depends on the SIM card inserted. The data for these may already have been entered.

Select profile.

Options Open menu.

Change Sett. Select.

Service Center	Enter or change the service-center phone numbers as supplied by service provider.
Recipient	Enter the standard recipient for this transmission profile or select from Phonebook.
Status Report ☁!	You will receive confirmation whether delivery of a message has been successful or unsuccessful. This service may be subject to a charge.
Direct Reply ☁!	The reply to your SMS message is handled via your service center when Direct Answer is activated (for information please contact your service provider).
SMS via GPRS ☁!	Send SMS automatically by GPRS (if available). Requirement: GPRS is activated (p. 79). Ensure that your service provider offers this function.
Send & Save	Sent SMS messages are saved in the **Sent** list.

Activate profile

Select profile.

Activate Press to activate profile.

MMS profile

Menu ➝ ✉ ➝ **Msg. Setup** ➝ **MMS**

A number of MMS profiles can be selected. The transmission characteristics of an MMS are defined in these. The data for these may already have been entered.

Select profile.

Options Open menu.

Change Sett.
Select.

Expire Time	Select the period in which the service center is to try to deliver the message: **Manual, 1 hour, 3 hours, 6 hours, 12 hours, 1 day, 1 week, Maximum*** *) Maximum period that the service provider permits.
Def. Priority	Send priority: **Medium, High, Low**
Def. Duration	Length of display for an MMS page (standard requirement).
Retrieval	Receive complete MMS or only notification of arrival. **Automatic** Receive complete MMS immediately. **Auto.homenet** Receive complete MMS immediately in home network **Manual** Only the notification is received.
MMS RelaySrv.	MMS relay URL, e.g. http://www.webpage.com
IP Settings	**IP address:** Enter IP address. **Port:** Enter port number. **IP address:** Enter IP -address. **Port:** Enter port number. These settings can be different from those of the WAP browser.
Conn.profile:	Select or set access profile (p. 80).

Activate profile

Select profile.

Activate Press to activate profile.

E-mail settings

Menu ➔ ✉ ➔ **Msg. Setup**
➔ **E-mail**
➔ Select function.

Before using this service, you must set the server access and your e-mail options. The data for these may already have been entered. If not, your service provider will supply you with the relevant information. See also on the Internet at:

www.my-siemens.com/m55

Additional information

Your service provider must support the following protocols for successful data exchange with the e-mail server:

POP3, IMAP4 and SMTP or eSMTP.

E-mails will be MIME-encoded for transmission.

Encryption of e-mail transmission (SSL, APOP) is not possible at present.

E-mail accounts

5 accounts can be defined. If no access data have been defined for the account, the entry card is displayed.

Alternatively:

Options Press.

Change Sett.
Press, then:

User Settings

Provider	Select provider.
User name:	Your name.
E-mail addr.: *	Your e-mail address, e.g.,: name@domain.abc
Reply-t.addr.:	Additional e-mail address for replies.
User ID: *	Your user ID.
Password: *	Your password.

*Your service provider will supply you with this information.

Mail Settings

Downl. only mails smaller than **<10> KB**	Set maximum size for incoming e-mails.
Leave copy on server?	E-mails remain on the server after they have been retrieved or are deleted.
POP3 server: *	Enter Internet address if the server type is POP3 and SMTP.

POP3 Port: *	(Default: 110)
IMAP4 *	Enter Internet address if the server type is IMAP4 and SMTP.
IMAP4 Port: *	(Default: 143)
SMTP server: *	Enter Internet address.
SMTP port: *	(Default: 25)
SMTP Authentic.:	Authentication: Yes/No
SMTP Password:	A user password will be required if "Authentication" is set to **Yes**.

*Your service provider will supply you with this information.

OK Save and activate settings.

Gen. Setting

Enter the preset default of an e-mail address for blind-copy recipient (Bcc).

Activate profile

Select profile.

Activate Press to activate profile.

Voice Message

These functions are described in a separate chapter (see p. 36).

CB Services

These functions are described in a separate chapter (see p. 63).

Menu ➔ ✉ ➔ Msg. Setup ➔ CB Services

Some service providers offer information services (info channels, **C**ell **B**roadcast). If reception is activated, your Topic List will supply you with messages on the activated topics.

Broadcast

You can activate and deactivate the Cell Broadcast service (CB service). If the CB service is activated, standby time for the phone will be reduced.

Read New CB

All unread CB messages are displayed.

Topic List

You can import as many topics as you wish into this personal list from the topics offered (Topic Index). 10 Entries may be entered using the channel number (ID) and, if required, the name itself.

New Topic Select.

- If no topic index (Topic Index) is available, enter a topic with its channel number and confirm with OK.
- If the topic index has already been transmitted, select a topic and confirm with OK.

Channel: Select

Options Open list menu.

If a topic is selected in the list you can view it, activate/ deactivate it, edit it or delete it.

Auto Display

CB messages are displayed in standby mode, longer messages are scrolled automatically. This display can be activated/deactivated for all or only new messages.

For "full page view":

Press, then press View CB.

Topic Index

The list of topics is displayed for you to choose from. If nothing is displayed, you must enter the channel numbers (ID) manually (Topic List). Please contact your service provider for details.

CB Languages

Receive Cell Broadcast messages in only one specific language or in all languages.

Displays

Topic activated/deactivated.

New messages received on the topic.

Messages already read.

Internet browser (WAP)

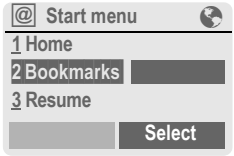
Get the latest information from the Internet that is specifically adapted to the display options of your phone. In addition, you can download games and applications to your phone. Internet access may require registration with the service provider.

Internet access

Menu → → **Internet**

The browser is activated as soon as you call up the function. The functions of the soft keys vary, depending on the Internet page, for example "link" or "menu". The contents of the option menus are also variable. If necessary, set the way in which WAP access should be made (see **Browser menu**, **Setup**, **Start with...**, p. 65).

For example the start menu appears:



Highlight and select required function.

Select Confirm.

Start menu

Home	The connection to the provider's portal is set up. This may be defined or pre-set by your service provider.
Bookmarks	List of URLs stored in the phone for fast access.
Resume	Call up recently visited pages that are still in memory.
Inbox	Inbox for messages from the WAP server (WAP push).
Profiles	The list of profiles is displayed for activation/setting (p. 66).
Exit browser	Close browser and close down connection.

Additional information

Operating instructions .....p. 118

End connection

Hold **down** to clear down the connection and to close the browser.

Your Internet browser is licensed by:

OPENWAVE™ RSA™ SECURE

Browser menu

If the browser is active, the menu can be activated as follows:

Press

or

@ confirm.

Home	The connection to the provider's portal is set up. This may be defined or pre-set by your service provider.
Bookmarks	Up to 50 URLs stored in the phone for fast access (p. 119).
Resume	Call up most recently visited page still in memory.
Go to...	Enter URL to access WAP page directly, e.g. **http://wap.my-siemens.com** Select from list of most recently visited WAP addresses.
Reload	Reload page.
Inbox	Inbox for messages from the WAP server (WAP push).
Disconnect	End connection.
Save picture	Save picture(s) on the page shown.
More ...	See below.
Exit browser	Close browser and clear down connection.

More ... (in menu)

Profiles	The list of profiles is displayed for activation/setting (p. 66).
Setup	**Font size** **Protocol parameters** • Push • Push can force online • Timeout for unanswered network requests **Security** • Secure prompt • Current certificate • CA certificates • Private Key PINs • Authentication **Start with...** • Start menu • Browser menu • Home • Resume • Bookmarks **Picture&Sound** • Pictures • Dithering • Sounds
Reset	Restart session and clear cache.
About Openwave	Display browser version.

Additional information

@	Browser menu.
	Offline.
	Online.
GP RS	GPRS Online.
	No network.
*	Select special characters, such as @, ~, \ , see p. 28.
	or
0+	press repeatedly for: . , ? ! ' " 0 - ( ) @ / : _

WAP profiles

Menu ➝ ➝ **Internet** ➝ **Profiles**

Preparation of the phone for WAP Internet access depends on the current service provider:

- The settings have already been installed by the provider. You can start immediately.
- Access profiles for a number of providers have already been set. Then select and activate profile.
- The access profile must be set manually.

If necessary, check with your service provider for details.

Activate WAP profile

You can change the current profile each time you access the Internet.

Select profile.

Select Activate. The current profile is selected.

Set WAP profile

Up to 5 WAP profiles can be set (if not barred by provider). The entries may vary depending on the service provider:

Select profile.

Edit Open to make settings.

Profile name
Enter/change name.

WAP param.

IP address:	Enter IP address.
Port:	Enter port number.
Homepage:	Enter homepage, if not set by the service provider.
GPRS lingertime **CSD lingertime**	Time in seconds after which a connection should be ended if no input or data exchange takes place.
Conn.profile:	Select or set access profile (p. 80).

Save Save settings.

Games & More

Download games and other applications. You are advised about relevant applications on the Internet.

Once you have selected a game or application you can start to download it immediately. Then you can use the application.

Most applications include instructions.

Additional information

To download applications, the WAP profile (p. 66), HTTP profile (p. 69) and access (p. 80) must be configured.

Java™ information ..... p. 116

Sounds (ringer)/silent alert on/off ..... p. 72

Applications and games can be found at:

wap.my-siemens.com

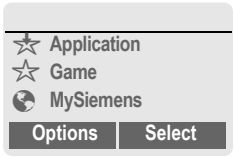
or on the Internet at:

www.my-siemens.com/city

Games and applications

Applications and links that are already stored on the phone are found under:

Menu ➜ ➜ Games & More



Different functions are available depending on which entry is highlighted:

Execute game/application offline

Select — Runnable application can be started immediately.

Load game/application online

Select — Only description file (p. 115); application has still to be loaded.

Load link (optional)

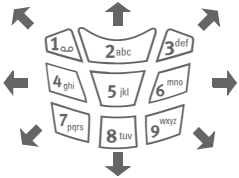
Internet — The selected Internet page is loaded.

Receive information

If information required, say, by an application that has already been installed, is received via **SMS**, the ☆ symbol appears in the display. By pressing the left soft key, the relevant application is started and the information is processed.

Additional information

The following key control is used for many games (virtual joystick):



Games & more menu

All functions required for editing and managing your applications and folders are found in the Options menu:

Options Open menu.

Start	Start application.
Download	An application is downloaded from the Internet and installed.
New Folder	Create and name new folder.
Delete	Delete selected application/folder.
Delete All	Delete all applications/folders after confirmation.
Rename	Rename highlighted applications/folders.
Move	Move applications between folders.
HTTP Profile	The list of profiles is displayed for activation/setting (p. 69).
Reinstall	Reinstall an application (update).
More Info	Download further instructions via Internet (WAP), if available.
Details	Show details of the application/folder (name, version, size, path, producer, date).
Sort	Set sort criteria (alphabetical, time).
Security	Checks before applications are downloaded: **Confirm everytime** **Confirm once** **No confirmation**
Capacity	Display maximum and available capacity.

HTTP Profile

Menu → → Games & More

Options Open menu.

Select **HTTP Profile**.

Preparation of the phone depends on current service provider:

- The settings have already been installed by provider. You can start immediately.
- Access profiles have already been set by your provider. Then select and activate profile.
- The access profiles must be set manually.

If necessary, check with your service provider for details.

WAP can be used to download applications from the Internet. Downloading or running applications will not affect or change the software already installed on your JAVA™-enabled cell phone.

You are solely responsible for loss and/or damage caused directly or indirectly by applications, software, and/or other content or data downloaded or installed onto the device by you. Siemens disclaims all liability arising in connection with any and all applications, software, and/or other content or data not included in the original delivery package. This limitation of liability also applies to functions enabled by you after purchase of the device. You bear sole risk for loss of information, damage to the device or to any applications or software, and for any other direct or consequential damage of whatever nature resulting from the use of applications, software, and/or other content or data downloaded or installed by you. Applications, software, and/or other content or data downloaded from the Internet or installed by you is not covered by the warranty applicable to the device.

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Display

Menu ➔ ➔ Display
➔ Select function.

Language

Set the language of the display text. When "automatic" is set, the language of your service provider is used. If a language that you do not understand happens to be set, the phone can be reset to the language of your service provider with the following input (in standby mode):

*#0000#

T9 Input

(see also p. 29)

T9 Preferred

Activate/deactivate intelligent text entry.

Input language

Select language for text entry. Languages with T9 support are marked by the T9 symbol.

Background

Set wallpaper graphic for display.

Logo

Choose picture to be displayed instead of the provider logo.

Color Scheme

Select color scheme for the whole service system.

Activate color scheme

Select color scheme.

Activate — Activate.

Load color scheme

Up to three color schemes can be included in the selection list in places 2 to 4. These can be loaded by WAP, for example.

Options — Open menu.

Load — Select color scheme.

Screensaver

The screensaver shows a picture in the display when a period set by you has elapsed. The function is ended by an incoming call or by pressing any key.

Enable	Activate/deactivate screensaver.
Style	**Analog Clock**, **Bitmap** or **Energy Saving**.
Picture	Select picture in file system.
Preview	Display screensaver.
Timeout	Set period after which the screensaver starts.
Security	Phone-code protected termination of screensaver.
Auto Key Lock	The keypad is locked automatically if no key has been pressed for one minute in standby mode. Unlocking: Hold **down**.

Additional information

You can also receive individual logos, screensavers and animations by SMS (p. 44), MMS (p. 49) or WAP (p. 64). See also **My phone** (p. 22).

Start Anim.

Select animation to be shown when phone is switched on.

Shutdn. Anim.

Select animation to be shown when phone is switched off.

Own Greeting

Enter greeting to be displayed instead of animation when phone is switched on.

Edit Activate/deactivate.

Delete old message and create new message.

OK Confirm changes.

Big Letters

You can choose between two font sizes for the display.

Illumination

Set display light brighter/darker. The darker the setting the longer the standby time.

Press the control key repeatedly to adjust up or down.

Contrast

Set display contrast.

Press the control key repeatedly to adjust up or down.

Tones/Alerts

Menu ➜ ➜ Tones/Alerts ➜ Select function.

You can set the tones to match your needs.

Ringer Setting

On/Off Activate/deactivate all tones.

Beep Reduce ring tone to a short signal (beep).

Additional information

Display: Beep.

Display: Ringer off.

Switch off ringer ..... p. 112

Vibrating Alert

To avoid the disturbance caused by a ringing phone, you can activate the silent alert function as an alternative. The silent alert can also be activated in addition to the ringer (e.g. in noisy environments). This function is deactivated when the battery is charged.

The vibrating alert is activated if the loudest setting is set for the ring-tone. This is to remind you **not to hold the phone to your ear when ringing** in order to avoid damaging your hearing.

Volume

Set different volumes for types of call/functions.

Select:

Incoming Calls (see below)
Alarm
Alarm Clock
Messages
Cell Broadcast
Start Melody
End Melody
Applications

Select Press. The ring tone is played.

Set volume.

OK Confirm.

Incoming Call

You can assign different volumes to **Calls**, **Other Calls** and each group in the Addressbook.

Additional information

Please make sure you have accepted the call before holding the phone to your ear. This will avoid damage to your hearing caused by a loud ringtone!

If two independent phone numbers are registered on your phone, you can set different volumes for them (p. 118).

Menu ➔ ➔ Tones/Alerts ➔ Select function.

Ringtones

Set different ring tones for types of call/functions.

Select:

Incoming Calls (see below)
Alarm
Alarm Clock
Messages
Cell Broadcast
Start Melody
End Melody

Select — Press. The melody is played.

Select ring tone.

OK — Confirm.

Incoming Call

You can assign different melodies to Calls, Other Calls and each group in the Addressbook.

Additional information

You can receive individual ring tones via SMS/MMS or download them via WAP (p. 64). See also My phone, p. 22, File formats, p. 109.

Call Screening

Only calls from phone numbers that are in the Phonebook/Addressbook or in a group are signaled audibly or by silent alert. Other calls are merely displayed.

If you do not accept these calls, they are diverted to your mailbox (if set, p. 75).

Display in standby mode: call screening is activated.

Key Tones

You can set the type of acoustic key tone:

Click or Tone or Still

Minute Beep

During a call, you will hear a beep after every minute as a reminder of the time elapsed. The recipient does not hear this beep.

Info Tones

Set service and alarm tones:

On/Off Activate/deactivate tones.

Extended If switched on, a wider range of service tones is available, e.g.:

- end of menu reached,
- network connection lost.

Dynamic Light

Menu ➔ ➔ Dynamic Light ➔ Select function.

You can switch on the visual signals (LEDs) on both sides of the phone for the following functions. The LEDs then flash in different rhythms depending on the current function.

Play Demo

All flash rhythms are displayed in sequence. End with Cancel.

Incoming Call

You can assign different flash rhythms to Calls, Other Calls and each group.

During Call

Select a flash rhythm to flash during the call.

Incoming msgs

Select a flash rhythm to signal that an SMS/MMS has been received.

Alarm

Select a flash rhythm to signal an appointment.

CarKit Conn.

Switch the flash rhythm on or off that is to flash when connected with the Carkit.

Net Search

Switch the flash rhythm on or off that is to flash during a netsearch.

Low Battery

Switch the flash rhythm on or off that signals a low battery.

During on/off

Switch the flash rhythm on or off that is to flash when the phone is switched on/off.

In Service

Switch the flash rhythm on or off that is to flash when the phone and network are synchronized.

Keys

Menu ➔ ➔ Keys
➔ Select function.

Any to Answer

Incoming calls can be accepted by pressing any key
(**except**).

Auto Key Lock

If activated, the keypad is locked automatically if no key has been pressed for one minute in standby mode. This prevents the phone from being used accidentally. However, you can still be called and you can still make an emergency call.

Additional information

The keypad can also be directly locked and unlocked in idle state.

In each case:

Hold **down**.

Key Tones

You can set the type of acoustic key tone:

Click or **Tone** or **Still**

Phone Setup

Menu ➔ ➔ Phone Setup
➔ Select function.

Call Waiting

If you are registered for this service, you can check whether it is set and you can activate/deactivate it (see also p. 25).

Hide ID

When you make a call, your phone number can be displayed on the recipient's display (depending on the service provider).

To suppress this display, you can enable the "Hide ID" mode for all subsequent calls or just for the next call. You may need to register separately with your service provider for these functions.

Call Forward

You can set the conditions under which calls are diverted to your mailbox or other numbers.

Set up call forward (example):

The most common condition for call forward is, for example:

Unanswered

Select **Unanswered**. (Includes the conditions **Not reachable**, **No reply**, **Busy**, see below)

Select Press.

Set Select.

Enter the phone number to which the caller will be diverted (if not already done)

Or

Select this phone number from the Addressbook/ Phonebook or via **Mailbox**.

OK Confirm. After a short pause, the setting is confirmed by the network.

All Calls

All calls are diverted.

Icon in top line of display in standby mode.

Not reachable

Divert occurs if phone is switched off or is out of range.

No reply

A call is only diverted after a delay that is determined by the network. The period can be set to a maximum of 30 seconds in 5 second intervals.

Busy

Divert occurs if a call is in progress. If **Call Waiting** is activated (p. 75), you will hear the call waiting tone during a call.

Receiving Fax

Fax calls are diverted to a number with a fax connection.

Receiving Data

Data calls are diverted to a phone number with a PC connection.

Status Check

You can check the current divert status for all conditions.

After a short pause, the current situation is transmitted by the network and displayed.

☑ Condition set.

☐ Not set.

? Display if status is unknown (e.g. with a new SIM card).

Clear All

All set diversions are cleared.

Additional information

Note that the divert is stored in the network and not in the phone (e. g., when the SIM card is changed).

Check condition or delete it

First select the condition.

Status Check Press.

Check Status Select.

Or

Delete Select.

Reactivate divert

The last divert has been stored. Proceed as with "Set divert". The stored phone number is displayed. Confirm phone number.

Edit phone number

Proceed as with "Set divert". When the stored number is displayed:

Delete Press. The phone number is deleted.

Enter new number and confirm.

Menu → → **Phone Setup** → Select function.

Fact. Settings

The phone is reset to the default values (factory setting) (does not apply to SIM card or network settings).

Alternative input in standby mode: ***#9999#**

Defrag FileSys

The file system is defragmented.

Menu ➔ ➔ Phone Setup
➔ Select function.

Phone Identity

The phone identity number (IMEI) is displayed. This information may be useful for customer service.

Alternative input in standby mode:
***#06#**

Check software version p. 118.

Auto Off

The phone switches off each day at the set time.

Activate:

Time Press.

Enter time (24-hour-clock).

OK Confirm.

Deactivate:

Manual Press.

OK Confirm.

Clock

Menu ➔ ➔ Clock
➔ Select function.

Time/Date

The clock can be set to the right time once at start-up.

Edit Press.

First enter the date (day/month/year), then the time (12 hours, including seconds).

Time Zones

Set the time zone for your area.

Select the required time zone from list ...

Set ... and set.

Options Open menu.

DST	Activate/deactivate daylight saving. When daylight saving is activated a sun icon appears on the display.
View	Display the selected time zone with name and date.
Set	Set time zone.
Rename	Assign a new name to time zone.
Auto Time-zone !	The time zone is switched automatically to local time by the network.

Date Format

DD.MM.YYYY or **MM/DD/YYYY**

Time Format

Select **Format 24h** or **Format 12h**.

Show Clock

Activate/deactivate time display in standby mode.

Connectivity

Menu ➔ ➔ **Connectivity**
➔ Select function.

GPRS

(**G**eneral **P**acket **R**adio **S**ervice)

GPRS is a new method for transmitting data faster in the cell phone network. Use GPRS and if the network has sufficient capacity, you can be connected to the Internet permanently. Only the actual transmission time is charged by the network operator.

Some service providers do not yet support this service.

Yes / **No** Activate or deactivate GPRS function.

Shown in display:

GPRS Activated and available.
GPRS Registered.
GPRS Connection briefly lost.
GPRS▶ Download.

Data Counter

Display of information on connection status.

Menu ➔ ➔ **Connectivity** ➔ Select function.

Data Services

For the **MMS**, **WAP** and **Mail**,**Java**,**Rms** applications at least one connection profile must be set up and activated.

Select profile.

Options Open menu.

Change Sett.
Press, then:

For CSD (**C**ircuit **S**witched **D**ata)

CSD Settings
Select.

If it has not been pre-installed, enter the data or enter the required settings (your service provider will supply you with information on this):

Edit Press.

Dial-up number	Enter ISP number.
Call type:	Select ISDN or analoge.
Login name:	Enter login name.
Password:	Enter password (shown as a series of asterisks).
DNS1 / DNS2:	(Optional).

Save Save settings.

For GPRS (**G**eneral **P**acket **R**adio **S**ervice)

GPRS Settings
Select.

You can activate GPRS for the profile and change the settings here. You can only start to use GPRS once you have activated GPRS on your phone (p. 79).

Edit Press.

APN:	Enter service provider address.
Login name:	Enter login name.
Password:	Enter password (shown as a series of asterisks).
DNS1 / DNS2:	(Optional).

Save Save settings.

Menu ➔ ➔ **Connectivity** ➔ Select function.

HTTP Profile

Preparation of the phone depends on current service provider:

- The settings have already been installed by the provider. You can start immediately.
- Access profiles have already been set by your provider. Then select and activate profile.

- The access profiles must be set manually.

If necessary, check with your service provider for details.

Fax/Data Mod.

Fax/data mode using a PC

With the phone and a connected PC, you can transmit and receive faxes and data. Appropriate software for fax and data communication must be available on your PC and there must be a connection to the phone.

Fax and data services must be enabled by the service provider. There are variations in fax and data reception, depending on the network. Please ask your service provider about this.

Edit Set the required mode.

Rec Fax/Data

Your service provider has given you a number for telephoning and a fax/data number.

The call is signaled by a special ring tone and the type of call (fax or data) is displayed.

Now start the communication program in your PC to receive the fax/data.

Send Voice/Fx

Set this function on the phone **before** transmission so that you can switch from voice mode to fax mode.

While the connection is being set up, the following function is available for two seconds:

Voice/fx Switch to **Send Voice/Fx** mode; you may now send a fax.

Voice/Fax Rec

(**Only** if no special fax or data number is available).
Start the required communication program on your PC and select the function on the phone **during** the call (the PC will take over the connection).

End transmission

End transmission with PC software and/or press .

Authentication

Edit Activate encrypted WAP dial-up (CHAP: Challenge Authentication Procedure) or deactivate (PAP: Personal Authentication Procedure).

Security

Menu ➔ ➔ Security
➔ Select function

The phone and SIM card are protected against misuse by several security codes.

Codes

PIN Control, **Change PIN**, **Change PIN2**, **Chg.Phonecode**, (p. 20).

Only

(PIN2 protected)

Dialing options are restricted to SIM-protected phone numbers in the Phonebook. If only area codes are entered, relevant phone numbers can be added to these manually before dialing.

If the SIM card does not support PIN2 input, the **whole** Phonebook can be protected with the phone code.

Last 10 only

(Phone-code protected)

Only phone numbers from the call list of "dialed numbers" (p. 42) can be dialed. This list can be filled with phone numbers specifically for this purpose.
First delete the call list, then create "new entries" by dialing phone numbers and canceling before the connection is established.

This SIM Only

(Phone-code protected)

The phone can be connected to a SIM card when the phone code is entered. Unless the phone code is known the phone will not operate with a **different** SIM card.

If the phone is to be used with a different SIM card, enter the phone code when requested.

Menu → → Security
→ Select function

Barrings

Barring restricts the use of your SIM card (this is not supported by all service providers). You need a 4-digit password which your service provider will give you. You may need to register each barring separately with your service provider.

All outgoing

All outgoing calls except emergency number 911 are barred.

Outgo internat

(International outgoing)

Only national calls can be made.

Out.int.x home

(International outgoing without home country)

International calls are not permitted. However, you can make calls to your home country when abroad.

All incoming

The phone is barred for all incoming calls (forwarding of all calls to mailbox provides a similar effect).

When roaming

You do not receive calls when you are outside your home network. This means that no charges are incurred for incoming calls.

Status Check

The following information can be displayed after a status check:

- ☑ Barring set.
- ☐ Barring not set.
- ? Status unknown (e.g. new SIM card).

Clear All

All barrings are deleted. A password which the service provider will give you is needed for this function.

Network

Menu ➔ ➔ Network
➔ Select function

Line

This function is only displayed if it is supported by the service provider. **Two separate** phone numbers must be registered on the phone.

Select

Select phone number in current use.

1 Display current phone number.

Additional information

Settings for phone numbers ..... p. 118

Block line

(Phone-code protected)

You may limit usage to one phone number.

Network Info

The list of GSM networks currently available is displayed.

Indicates forbidden service providers (depending on SIM card).

Choose Network

Network search is restarted. This is useful if you are **not** on your home network or want to register on a **different** network. The network list is rebuilt when Auto Network is set.

Auto Network

Activate/deactivate, see Choose Network above. If "Automatic network" is activated, the next network on the list is dialed in ranking order of your "preferred networks". Alternatively select a different network manually from the list of the available GSM networks.

Pref. Network

Enter your preferred service providers here for when you leave your home network (e.g. if there are differences in price).

Additional information

If the signal strength of the preferred network is inadequate when you switch on the phone, the phone may register in a different network. This can change when the telephone is next switched on or if another network is selected manually.

Your service provider is displayed:

List Display list of preferred networks.

Fast Search

When this function is active, network reconnection is speeded up (and standby time is reduced).

Menu ➔ ➔ Network
➔ Select function.

User Group

Depending on the service provider, you can create groups with this service. These can have access to internal (company) information, for example, or special tariffs apply. The details can be clarified with your service provider.

Active

Activate/deactivate function. "User group" must be deactivated for normal phone use (phone code, p. 21).

Select Group

You can select or add groups other than preferred groups (see below). Code numbers for the groups are obtained from your service provider.

Outgo. Access

In addition to network control for a user group, it is possible to set whether outgoing calls outside the group are permitted. If the function is deactivated, only calls within the group are permitted.

Preferred Grp

If activated, only calls within this standard user group can be made (depending on the network configuration).

Accessories

Menu ➔ ➔ Accessories
➔ Select function.

Car Kit

Only in combination with an original Siemens handsfree Car Kit (p. 128). The profile is activated automatically as soon as the phone is inserted into the cradle.

Auto Answer

(Factory default: off)

Calls are accepted automatically after a few seconds. Eavesdropping is possible!

Shown on the display.

Auto Off

(Factory default: 2 hours)

The phone is powered by the car's power supply. You can adjust the time between switching off the ignition and the automatic switching off of the phone.

Car Loudspk.

Select a different audio setting if necessary for your Car Kit.

Automatic settings:

- Permanent illumination: switched on.
- Key lock: switched off.
- Charging the phone battery.
- Auto. activation of the Car Kit profile when phone is inserted in cradle.

Headset

Only in conjunction with an original Siemens headset (p. 127). The profile is automatically activated when headset is plugged in.

Auto Answer

(Factory default: off)

Calls are accepted automatically after a few seconds (except where the ringer is switched off or set to beep). You should therefore be wearing the headset. Eavesdropping is possible!

Automatic setting

Accept call with Call key or PTT key (Push To Talk), even when the keylock is activated.

Auto answer

If you do not notice that your phone has accepted a call, there is the danger that the caller may eavesdrop.

Several settings can be stored in a phone profile in order, for example, to adapt the phone to the surrounding level of noise.

- Five standard profiles are provided with default settings. They can be changed however:

  Normal Env.
  Quiet Env.
  Noisy Env.
  Car Kit
  Headset

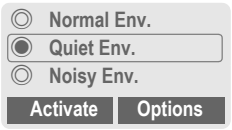
- You can set two personal profiles (**<No Title>**).
- The special profile **Aircraft Mode** is fixed and cannot be changed, (p. 88).

Activate

Menu →

Select default profile or personal profile.

Activate Activate profile.



◉ Active profile.

Setup

Edit a default profile or create a new personal profile:

Select profile.

Options Open menu.

Change Sett.
Select.

The list of available functions is displayed:

Ringer Setting....p. 72
Volume....p. 72
Vibrating Alert....p. 72
Call Screening....p. 73
Info Tones....p. 74
Key Tones....p. 73
Illumination....p. 71
Big Letters....p. 71

When you have finished setting a function, return to the profile menu where you can change a further setting.

Profile menu

Options Open menu.

Activate	Activate selected profile.
Change Sett.	Change profile settings.
Copy From	Copy settings from another profile.
Rename	Change personal profile (except default profiles).

Car Kit

If a Siemens original Car Kit is used (p. 128) the profile is activated automatically as soon as the phone is inserted into the cradle (p. 85).

Headset

If an original Siemens headset is used (p. 127) the profile is activated automatically as soon as the headset is in operation.

Aircraft Mode

All alarms (appointments, alarm clock) are deactivated. This profile **cannot be modified.** The phone will switch off if you select this profile.

Activate

Scroll to **Aircraft Mode**.

Select Switch on profile.

A security prompt must be confirmed.

The phone switches itself off automatically.

Normal mode

When you switch on your phone again, the previously set profile will be reactivated automatically.

Menu Press.

Favorit. Press.

Create your own menu with frequently used functions, phone numbers or WAP pages.

The list of 10 possible entries is preset. You can, however, change it as you want.

Additional information

For fast access from standby mode you can set the function **Favorites** on the left soft key (p. 107).

Activate

Select the required entry.

Select Press.

Or

Options Press.

Activate Select.

Select Press.

Or

If the entry selected is a phone number, you can also call it with the Call key.

Change Sett.

You can replace each entry (1 –10) with another entry from the selection list.

Select the required entry.

Options Press.

Change Sett. Select.

Set Press.

Select the **new** entry from the selection list.

Set Press.

If you have selected a phone number or a WAP favorite as a new entry, the corresponding application is started.

Reset All

Options Press.

Reset All Select.

After confirmation and entering the phone code, the default entries are reset.

Calendar

Menu → 1 → Calendar

You can enter appointments and tasks in the Calendar. It offers a

- monthly overview,
- weekly overview,
- daily overview.

Time and date must be set for the Calendar to work correctly (p. 78).

Monthly overview

Scroll between weeks.

Scroll between days.

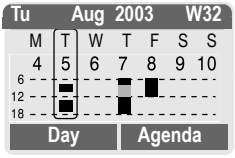
Week Display weekly view.

Agenda List of the day's appointments and tasks.

Additional information

Calendar days in bold face indicate appointments or birthdays (p. 98) on this day.

Weekly overview

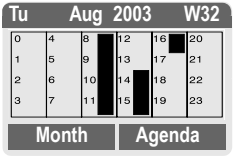


Scroll by the hour from 0:00 to 24:00 hours.

Scroll between days.

Day Display the daily overview.

Daily overview



Each day is divided into six blocks of four hours (morning + afternoon).

Scroll between days.

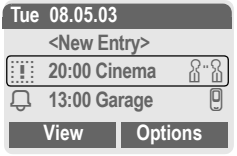
Additional information

Appointments are displayed by horizontal bars.

Time overlaps in appointment entries are highlighted.

Agenda

Agenda Select in the current overview.



Appointments (p. 92) and where applicable any outstanding tasks (p. 94) for the current day are displayed in chronological order in the agenda.

<New Entry>

Create new entry as appointment or as task.

Options

Different functions are provided, depending on the Calendar item selected or the current organizer function:

Options Open menu.

View	Display entry.
Activate/ Deactivate	Switch alarm on/off.
Done	Change task to "completed".
Edit	Open the entry to edit.
New Entry	Create new entry as **Appointment** (p. 92) or **Task** (p. 94).
Filter	Select feature: **Memo, Speech Memo, Call, Meeting, Birthday, All.** All entries with the selected feature are displayed.
Delete	Delete selected recording.
Delete All	Delete all entries after confirmation.
Delete Until	Delete all entries prior to a certain date.
Delete done	Delete all completed tasks.
Mark	Activate highlighting mode; the entry currently selected is highlighted (p. 114).
Mark All	Activate highlighting mode; all entries are highlighted (p. 114).
Send...	(p. 111)
Capacity	Display available capacity.

Additional information

For additional calendar settings see below under **Calend. Setup** (p. 98).

Appointment with alarm activated.

Appointment with alarm deactivated.

Appointment with repeated alarm activated.

Appointment with repeated alarm deactivated.

Task.

Priority task.

Task completed.

Task deadline exceeded.

Synchronizing with a PC

With XTNDConnect® PC (p. 122) you can synchronize your appointments with Outlook® or Lotus Notes™.

With **Remote Sync.** you can synchronize your phone with an organizer stored on the Internet (p. 105). For this a time zone must be set (p. 78).

Appointment

Menu ➜ 1 ➜ **Appointment**

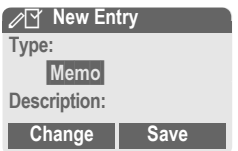
All appointment entries are displayed in chronological order. If an alarm is missed it appears in the list of missed appointments (p. 96).

Enter new appointment

Select Press.

Make the entries field by field.

Change Browse through displays in the selection fields.



Type:

Memo.

Description with up to 50 characters.

Speech Memo.

Record a voice memo at the end of the input procedure (see also p. 97).

Call.

Enter phone number. Shown with alarm.

Meeting.

Description with up to 50 characters.

Description:

Display in the agenda list.

Location:

Location of appointment, e.g. meeting room.

Start date:

Start time:

End date:

End time:

Alarm:

ON Activate alarm.

Enter start time of the alarm **before** the appointment.

Select:

Minutes, Hours, Days.

Reoccurrence:

Select a timeframe for repeating the appointment:

No, Daily, Weekly, Monthly, Annual.

Enter a parameter for repeating:

Forever, Until, Occurrences (number)

If **Weekly** is selected, certain weekdays can be highlighted.

Save Save the appointment. The alarm is automatically activated. If **Speech Memo** is selected as type, the dictating machine is started for recording (p. 97).

Alarm

When the set date and time are reached there is an audible and a visual alarm. If an alarm is missed it appears in the list of missed appointments (p. 96).

Alarm type **Memo/Meeting**: the text is shown in the display.

Alarm type **Call**: the phone number is displayed for dialing.

Alarm type **Speech Memo**: playback with dictation key.

Pause The alarm stops for 5 minutes.

Off The alarm is stopped.

Additional information

Message in display that alarms have been set:

(· Alarm clock.

Appointments.

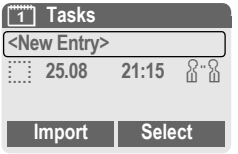
An alarm sounds even when the phone is switched off (the phone does not switch to standby mode). To deactivate it press any key.

Deactivate all alarms ..... p. 88
Set alarm tone ..... p. 72
Clock ..... p. 78
Options ..... p. 91

Tasks

Menu ➔ 1 ➔ **Tasks**

A task is displayed like an appointment in the agenda of the selected day. However, unlike an appointment it does not require a time. When no time is entered the task appears at the top of the list every day until it is marked as completed.



Enter new task

Select Press.

Select appointment type (see appointments, p. 92).

Description:

Display in the list.

Status:

Choose between: **Done** or **Outstanding**

Priority:

Select between 1 (high) and 5 (low). Default is 3.

Use date

When **Yes** is selected, the following option is provided.

Due date:

Enter date.

Due time:

Enter time.

Alarm:

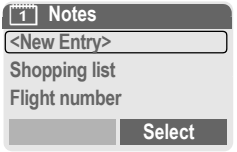
Enter a time (0-99) and a time unit (minutes, hours, days) at which an audible/visual notification of an impending task should be made.

Save Save task.

Notes

Menu ➜ 1 ➜ Notes

Use your phone as a notepad.



New entry

Select Press.

Enter text, 150 characters maximum.

Options Open menu.

Save Store entry.

Text entry menu

Options Open menu.

Save	Store entry.
T9 Input (p. 29)	**T9 Preferred:** Activate/ deactivate T9. **Input language:** Select language for text.
Line Feed	Enter line break.
Delete Text	Delete note.
Send via SMS	Send entry as SMS message.
Insert From...	Insert information from the Phonebook or Address-book into the text.

Display entry

Select entry.

View Open note.

Notes menu

Options Open menu.

View	Display entry.
Confidential	Protect note with phone code (also refer to "Additional information").
Edit	Display entry for editing.
New Entry	Create new note.
Delete	Delete entry.
Delete Until	Delete all entries prior to a certain date.
Delete All	Delete all notes after confirmation.
Mark	Switch to highlighting mode (p. 114).
Mark All	Activate highlighting mode; all entries are highlighted (p. 114).
Send via SMS	Send entry as SMS message.
Capacity	Display available capacity.

Additional information

Protect confidential data using a phone code (p. 21). Please note that with the aid of suitable programs it is possible for confidential notes to be read from the phone when connected to a PC.

We recommend that you do not store any passwords (PIN, TAN etc.) as notes.

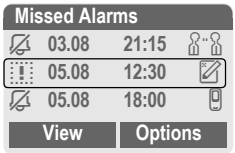
A total of 500 entries (appointments, tasks, notes) can be stored in the organizer.

Enter special characters.....p. 28

Missed Alarms

Menu ➔ 1 ➔ **Missed Alarms**

Events with an alarm to which you have not reacted are listed for reading.



Missed appointments menu

Options Open menu.

View	Display entry.
Delete	Delete entry.
Delete All	Delete all entries after confirmation.
Send...	(p. 111)

Voice Memo

Use the dictating machine to record short voice memos.

- Use your phone as a dictating machine when on the move.
- Record a memo as a reminder or as a note for others.
- Add a voice memo to an alarm in the Calendar (p. 93).
- Record a call – useful for remembering numbers or addresses.

Warning!

The use of this feature may be subject to restrictions under criminal law.

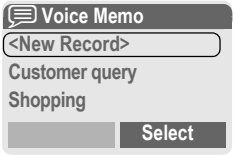
Please inform the other party to the conversation in advance if you want to record the conversation and please keep such recordings confidential.

You may only use this feature if the other party to the conversation agrees.

New recording

Menu → 1 → **Voice Memo**

The list of recordings is opened.



Select Press.

Record Start recording

Pause Recording pause.

Stop End recording.

Recording is automatically saved with a time stamp.

Save Name recording.

Save Save recording.

Or

Play Play back recording before storing it.

Play back

Menu ➜ 1 ➜ Voice Memo

The list of recordings is opened.

Select recording.

Play — Press. If Speakerphone is set in the options menu, Play loud is now offered.

Voice Memo menu

Options — Open menu.

Play	Play recording back.
Speaker-phone	Activate/deactivate play-back in handsfree mode.
New Record	Start new recording.
Delete	Delete selected recording.
Delete All	Delete all entries after con-firmation.
Rename	Replace time/date stamp of recording with a name.

Time Zones

Menu ➜ 1 ➜ Time Zones

Set the time zone for where you currently are (p. 78).

Calend. Setup

Menu ➜ 1 ➜ Calend. Setup

Show Birthday

Switch birthdays display on/off. Birthdays are highlighted in color and shown in bold type. Birthdays may only be entered in the Address-book.

Begin of Week

You can set which weekday is listed first on the left in the monthly and weekly overviews.

Menu ➔ ➔ Select function.

Alarm Clock

The alarm will ring at the time set by you, even when the phone is switched off.

Setting

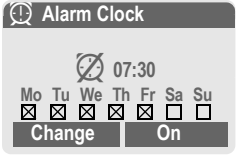
Change Display options: alarm call time and days.

Set time for the alarm call (hh:mm).

Navigate to the days.

Change Set days for alarm calls.

OK Confirm settings.



On / **Off** Activate/deactivate the alarm.

Additional information

Alarm clock switched on.

Alarm clock switched off.

Screen display in standby mode: alarm clock activated.

Calculator

Enter number (up to 8 digits).

Select calculator function.

Repeat procedure with other numbers.

Result is displayed.

Calculator functions

.=+-*/	Press right soft key repeatedly.
±	Toggle between "+" and "-".
%	Convert to percentage.
	Save the number displayed.
	Retrieve the number saved.
e	Exponent (max. two digits).

Special keys:

Set decimal point.

Add (Hold **down**).

Currency Conv

Menu ➜ ➜ Currency Conv

You may calculate the exchange rates between three different currencies.

Enter the currency

If no currency has yet been entered, press OK for first input.

Otherwise:

Options Open menu

New Entry Select, then if:

- **Only euro currencies:**

List Press and select 1st Euro currency:

Select Confirm.

Select next field.

List Press and select 2nd Euro currency.

Select Confirm.

OK Confirm.

- **Euro currencies and/or other currencies:**

Enter symbols for the currencies.

OK Confirm.

Enter exchange rate. Save with Options and OK.

Calculator functions

.= Press right soft key repeatedly.

Retrieve a saved number from calculator.

Convert

Any combination of calculations can be carried out between the currencies entered.

Select a combination of currencies from the list.

Start Confirm.

Enter amount (up to 12 digits).

Result is displayed.

Repeat Repeat conversion with other data.

Converter menu

Options Open menu.

Start	Enter value to be calculated.
New Entry	Enter two new currencies.
Change	Change the two currencies.
Delete	Delete the two currencies.
Delete All	Delete all currency pairs after confirmation.

Menu ➜ ➜ Stopwatch
➜ Select function.

Stopwatch

Two intermediate times can be recorded and saved.

Reset — Reset to zero.

Start/stop.

Intermediate time.

Stopwatch menu

Options — Open menu.

Save	Record the time(s) measured and assign a name to them.
Reset	Reset stopwatch.
Stopwatch List	Display the stored times. View Display the stored times and intermediate times. Rename Rename stored entry. Delete Delete entry. Delete All Delete list.

Countdown

A set time elapses. The last 3 seconds are indicated by a beep. At the end a special beep sounds.

Set — Set period of time.

Start — Start counter.

Stop — Interrupt counter.

Change — Change period of time.

Reset — Reset counter to starting time.

Camera (Accessories)

Photos you have taken with the "QuickPic camera" (p. 127) may be viewed, saved and sent immediately through the phone. The camera has an integrated flashlight.

Pictures can be taken in two different formats:

- Low resolution:
  QQVGA 160x120 pixels, memory size up to 6 KB to send as a picture message (p. 49).
- High resolution:
  VGA 640x480 pixels, memory size of one shot up to 40 KB – e.g. for further editing on PC. To allow the picture to be viewed on the phone display, a QQVGA picture is created for every VGA picture.

Camera Press (in standby mode).

Or

Menu ➜ 📷 ➜ **Camera**

First the number of pictures still available is shown (depends on resolution chosen).

OK Confirm.

The last picture taken is shown.

Scroll through photos.

Picture

A picture (especially in high resolution) requires a few seconds to be processed.

Take Press. You will hear an advisory tone when the exposure time has expired. The photo is shown on the display and saved automatically.

Flashlight

First switch on flashlight function:

Options Open menu.

Use Flash Select.

Then take a photo using flash:

Load Press **briefly**. The flash is charged (battery capacity approx. 30 % at least).

Take Press. The photo is taken with the flash. You will hear an advisory tone when the exposure time has expired. The photo is shown on the display and saved automatically.

Additional information

Photograph without flash when the **Use Flash** function is switched on:

Load Hold **down**. The charging process for the flashlight is omitted and a shot is taken immediately without flash.

Camera menu

Options Open menu.

Use Flash	Use flashlight (only when camera is plugged in)
Full Screen	Switch to full screen mode.
Delete	Delete current picture after confirmation.
Delete All	Delete all pictures after confirmation.
Move	Move currently selected picture to another folder (if necessary, first choose resolution). See also **File Manager**, p. 109.
Move All	See above.
Send via ...	Send picture by: MMS (only low resolution), e-mail.
Info	Display number of shots still available.
Setup	Set resolution: **Low** **High & Low** Set display: **Always use fullscreen?** **Yes** or **No**.

Additional information

Toggle between reduced/full screen.

Switch on display illumination with or any number keys.

If the memory is full or the camera is not attached:

Delete Delete picture currently shown.

Voice command

Functions can be started by a voice command. Up to 20 voice recordings can be saved in the phone for voice dialing or voice commands (not on SIM card!).

Record

Menu ➜ ➜ **Voice Cmnd.**

A list with the functions available is displayed.

Select a function.

Record Press.

Yes Confirm selected function.

Start Start recording.

A short signal sounds. Now say the command corresponding to the function and **repeat** it when prompted.

Apply

Press **down** (in standby mode).

A short signal (beep) sounds and a prompt appears in the display. Now say the function.

Noisy environments may affect voice recognition.

Voice command menu

Highlight required entry.

Options Open menu.

Play	Play back the recording belonging to the entry.
New Sample	Start new recording for an entry.
Delete	Delete entry.
Delete All	Delete all recordings.

Remote synchronization

Menu ➔ ➔ Remote Sync.

You can use this function remotely to access externally filed data (addresses, calendar, etc.) and synchronize these with the data on your phone. The data can, for example, be saved on a company computer or the Internet (e.g., www.my-siemens.com/m56syncml).

Syncronize

Sync Computer is selected and synchronization started.

Sync. setting

Setup Start synchronization.

Sync. Profile

A number of profiles can be defined.

Select profile.

Options Open menu.

Change Sett.

Select.

Highlight database areas to be synchronized:

Calendar

Contacts

Notes

Tasks

Server Setting

Different functions are offered depending on the situation:

Server Setting

Sync. mode	**Fast:** Only data that has changed will be synchronized in both directions. **Slow**: All data will be synchronized in both directions.
Provider	Select or set access profile (p. 80).
Home	E.g., http://www.my-siemens.com/m55syncml
Port:	Enter port number, E.g. 80.
Login name:	Enter user name (login name).
Password:	Enter password (shown as a series of asterisks).
Calendar path	E.g., events
Address path	E.g., contacts
Task path	E.g., tasks
Notes path	

HTTP authent.	Depends on the service provider, generally not required.
HTTP name:	Enter user name.
HTTP passw.:	Enter password.

Save Save settings.

Activate another sync. profile

Sync. setup
Select.

Sync. Profile
Select.

Select profile.

Select Activate. The current profile is selected.

SIM services (optional)

Your service provider may offer special applications such as mobile banking, stock prices, etc. via the SIM card.

If you have such a SIM card, the SIM services will appear in the main menu under "Extras" or directly above the control key (on the left).

Symbol for SIM services.

Where there are several applications, these are displayed in a SIM services menu.

Menu ➜ ➜ **SIM services**

With the SIM services menu, your phone is ready to support future additions in your service provider's user package. For further information, please contact your service provider.

The left soft key and the number keys 2 to 9 (speed dialing numbers) can each be assigned an important phone number or a function. The phone number can then be dialed or the function started at the touch of a button.

Additional information

The left soft key may already have a function allocated by your service provider (e.g. access to "SIM card services"). It may not be possible to modify this soft key assignment.

The left soft key may also sometimes be replaced automatically by ✉/∞ to access a new message.

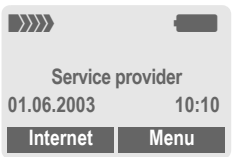
Key assignments available:

Phone Number ..... p. 33
Internet ..... p. 64
Bookmarks ..... p. 64
Games & More ..... p. 67
Missed Calls ..... p. 42
Received Calls ..... p. 42
Call Forward ..... p. 75
Hide ID ..... p. 75
New SMS ..... p. 44
New MMS ..... p. 49
New E-mail ..... p. 55
Inbox (SMS) ..... p. 47
Draft (SMS) ..... p. 47
T9 Input ..... p. 70
Illumination ..... p. 71
Remote synchronization ..... p. 105
Phonebook ..... p. 33
Addressbook ..... p. 37
Businesscard ..... p. 32
Calendar ..... p. 90
Appointment ..... p. 92
Tasks ..... p. 94
Agenda ..... p. 91
Alarm Clock ..... p. 99
Notes ..... p. 95
Calculator ..... p. 99
Currency Conv ..... p. 100
Stopwatch ..... p. 101
Countdown ..... p. 101
Camera ..... p. 102
File Manager ..... p. 109
Favorites ..... p. 89
Dynamic Light ..... p. 74
Vibrating Alert ..... p. 72
Ringtones ..... p. 73
<Empty>

Left soft key

Assign a function/phone number to the left soft key for fast access.

Edit



Internet Press **briefly**.

Change Scroll to application in the list.

- Assign a new application (e.g. **New SMS**) to the soft key.
- Special case **Phone Number**. Pick out a name from the Phonebook/ Addressbook (e.g., "Carol") to assign to the soft key.

Select Confirm setting.

Apply

The setting "Carol" is used here only as an example.

Carol Hold **down**.

Speed dialing keys

Number keys 2 to 9 can be used as speed dialing numbers for fast access. For available key assignments see p. 107. Number key 1 is reserved for the mailbox number (p. 36).

Change

In standby mode:

Press and hold a number key (2–9). If the key is not yet assigned:

Set Press.

Or

New SMS Press **briefly** (if **New SMS** is assigned, for example).

Change Scroll to application in the list.

Special case **Phone Number**. Pick out a name from the Phonebook/ Addressbook for assignment to the key.

Special case **Bookmarks**. Scroll to a URL in the bookmark list for assignment to the key.

Select Confirm setting.

Apply

Select a stored phone number or start a stored application (e. g. **New SMS**).

In standby mode:

Press **briefly**.

The assignment of the number key 3 is displayed above the right soft key e.g.:

New SMS Hold **down**.

Or simply

Hold **down**.

To organize your files, you can use the file system like a PC file manager. The file system assigns special folders to different data types.

Menu → 🗀

A list of the folders and files is displayed.

Navigate through this list using the control key:

Scroll up and down.

Go back from folder.

Open — Open folder or execute file with related application

or

with unknown file types:

Mark — Highlight file.

Index structure

The file system assigns special folders to different data types.

Color scheme	Color scheme (p. 70)	*.col
Data inbox	Inbox	*.*
Misc.	Other files	*.*
Pictures	Pictures and animations	*.bmx (anim)
	Sub-folder: **Camera** own photos (p. 102)	*.bmp *.png *.gif *.jpg
SMS archive	Sub-folders: **Inbox**: Incoming mail **Draft**: Drafted messages **Unsent**: Unsent SMS Messages **Sent**: Sent SMS Messages	*.smo *.smi
Sounds	Ring tones, melodies and sounds	*.mid *.amr *.wav (Intel DVI)
Text modules	Text modules	*.tmo
Voice memo	Voice recordings	*.vmo
Java	Applications.	*.jad
	Data.	*.jar
	Download link.	*.db

Depending on the service provider the file system's structure, content and functionality may vary.

File system menu

Options Open menu

Open	Open folder.
Move	Place highlighted file or folder in temporary memory.
Copy	Copy highlighted file into temporary memory.
Paste	Transfer content of temporary memory into current folder.
Delete	Delete current entry.
Delete All	Delete all entries.
Mark	See highlighting mode (p. 114)
Mark All Entr.	All entries are highlighted. See Highlighting mode (p. 114).
New Folder	Create new folder.
Rename	Change highlighted entry.
Send via...	Send highlighted file via e-mail or MMS.
Sort	Set sort criteria (alphabetical, type, time).
Attributes	Display information on file or folder selected.
Drive Info	Display the capacity used and available.

The phone provides you with several methods for sending texts and data via different transmission routes. Access to these functions is available in the option menu of the relevant application. These menu items can vary depending on the application.

Via SMS/vCard

Send... ➞ Via SMS/vCard

Phonebook and Addressbook entries as well as appointments can be sent as an SMS to other suitable cell phones.

With larger items, several SMS messages may be generated and sent as a concatenated message.

Via SMS/Text

Send... ➞ Via SMS/Text

Business cards, Addressbook entries or appointments can be sent as text messages by SMS (this may result in several being generated).

Data objects

Files received via SMS are stored in the file system (p. 109).

Activate/deactivate tones

Hold **down**.

In standby mode

All audible signals (including the ring tone) can be switched off and on again. The function ends when the phone is switched off.

During a call:

Switch off the ring tone for the **current** call/alarm (not when Any to Answer, p. 75, is active). Accepting or rejecting the call ends the function.

- The display will continue to show a call.
- The vibrating alert function will remain active if it was previously switched on.
- The audio settings are not changed.

Completing phone numbers in the Phonebook/Addressbook

Digits may be replaced by a "?" when phone numbers are entered in the Phonebook/Addressbook:

Hold **down**.

These wildcards must be replaced with numbers before dialing (e.g., with the extension numbers in a phone system).

To make a call, select the phone number from the Phonebook/ Addressbook.

Press.

Replace "?" with numbers.

Press, number is dialed.

Control codes (DTMF)

Send control code

You can, for example, enter control codes (numbers) for remote access to an automatic answering machine while another connection exists. These entries are transmitted directly as DTMF codes (control codes).

menu Open call menu.

Send DTMF Select.

Use the Phonebook

Store phone numbers **and** control codes (DTMF codes) in the Phonebook/Addressbook in the same way as a normal entry.

Enter phone number.

Press until a "+" appears in the display (wait for the connection to be established).

Enter DTMF codes (numbers).

If necessary, wait again for three seconds at a time for the receiver to process the entries safely.

Enter a name.

Save Press.

You may also store just the DTMF codes (numbers) and then send them during the call.

Copy protection

Applications may be copy-protected. Applications protected in this way may only be run on devices for which they are intended.

CSD connection

(**C**ircuit **S**witched **D**ata)

Data is transferred via a data connection to a dial-in point pre-set by your network operator or service provider. This connection can be used for exchanging data, such as, for example, Internet access, or for downloading games and applications as well as for using WAP services.

As long as you are using this connection for downloading applications from the Internet or using services, you must pay connection fees according to your network operator's or service provider's table of charges.

EMS

(**E**nhanced **M**essaging **S**ervice)

In addition to (formatted) texts, you can also use this service to send

- pictures (bitmaps) up to 32 x 32 pixels (black and white),
- tones,
- animations (sequence of 4 pictures) 8 x 8 and 16 x 16 pixels (black and white).

The items referred to above can be sent together in an SMS or individually.

Pictures and sounds can also be sent as ring tones and screensavers with EMS.

This can result in messages that are longer than a single SMS. If this happens the individual SMSs are linked together into a single message.

GPRS connection

(**G**eneral **P**acket **R**adio **S**ervice)

GPRS is a new method for transmitting data faster in the cell phone network. Use GPRS and if the network has sufficient capacity, you can be connected to the Internet permanently.

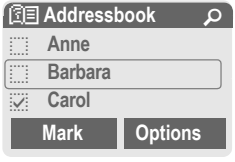
Some service providers do not yet support this service.

Highlighting mode

With some applications (e.g. Addressbook) one or more entries in a list can be highlighted, to carry out a function jointly.

Options Open menu.

Mark Text Activate highlighting mode.



If an **unmarked** entry is selected, this can be highlighted:

Mark The current entry is highlighted.

If a **highlighted** entry is selected, the highlighting can be deleted:

Unmark Unmark the current entry.

Highlighting functions in options menu:

Options Open menu.

Mark All	Highlight all entries.
Unmark All	Delete highlighting on all marked entries.

HTTP

(**H**yper**t**ext **T**ransfer **P**rotocol)

HTTP indicates the protocol which governs the transfer of data on the Internet. You can download applications and games (Games & More, p. 67) and multi-tone (polyphone) ring tones from the Internet via HTTP. Configure the HTTP connection using the HTTP profiles (p. 69).

International dialing codes

International dialing codes are stored in your phone. In standby mode (the 0+ is omitted in the Phonebook):

0+ Hold **down** until a "+"-is displayed. This replaces the first two digits of the international dialing code.

+List Press.

Select country. The international dialing code is displayed. Add the national phone number (in many countries the first digit is omitted) and press the Call key.

JAD ☆ and JAR ☆

Three types of file are possible when Java™ is used:

The JAD file (Java Descriptor)

These files contain information about the application (JAR file) plus their address for downloading. Activating a JAD file establishes the connection to the Internet and the executable application is loaded.

The JAR file (Java Archive)

This file contains the executable application. Activating a JAR file starts the application.

Combined files

These files occur if JAR files are loaded via JAD files. In this case the JAD file is added to the JAR file. The icon is the same as for JAR files.

The following icons appear for Java™:

☆ JAD file

☆ JAR file

Java™

Java™ offers you the opportunity to use numerous games and applications on your cell phone. You can load these applications from the Internet and install them on your cell phone. Once installed the application can be started. Please always observe the relevant operating instructions.

Siemens, however, does not guarantee that downloaded and installed Java applications will work perfectly on your cell phone (p. 69).

Menu speed dialing

All menu functions are numbered internally. A function may be selected directly by entering these numbers in sequence.

E.g., write new SMS:

Menu Press.

5 for **Messages**

1 for **New SMS**

Message memory full

If the message icon flashes the SIM memory is full. **No** more SMS messages can be received. Delete or file text messages (p. 48).

Operating time

A full battery will deliver 60 to 200 hours of standby time or 100 to 180 minutes of talktime.

The operating time depends upon the use:

Action taken	Time (min)	Reduces standby time by
Calling	1	30 -60 minutes
Light *	1	30 minutes
Network search	1	5 -10 minutes
* Key input, games, Dynamic Light, organizer etc.		

Extreme temperatures considerably reduce the phone's standby time. Avoid placing the phone in the sun or on a heater.

Outside your home network

If you are outside your home network, your phone automatically selects another GSM network (p. 84).

Own numbers

Enter "own" phone numbers in Phonebook (e.g., fax) for information. These numbers can be changed, deleted and also sent as an SMS message.

Phone number memo

You can use the keypad to enter a phone number during a conversation. The person to whom you are speaking can hear these entries. When the connection has ended you can save or dial the phone number.

Phone number/URL in SMS

Phone numbers highlighted in the text can be dialed or saved in the Phonebook/Addressbook. It is also possible to call URLs (Internet addresses) directly and start an HTTP download. The HTTP profile (p. 69) or WAP profile (p. 66) must be set and activated.

Press to dial phone number/download.

Service numbers

There might be phone numbers saved in your Phonebook (**<Special Books>**, **<Service Numb.>**, p. 33) that have been provided by your service provider. They may be used to call local or national information services or to use services offered by your service provider.

Set Call Forwarding

Forward

Call Forwarding, for example, to mailbox if the **Busy** divert is set (p. 75) and the **Call Waiting** (p. 75) function is switched on.

SIM card problems

You have inserted your SIM card. Nonetheless, the following message appears:

Please insert your SIM card

Please check whether the card has been inserted **correctly** or the contacts are dirty. If necessary, clean with a dry cloth. If the card is damaged, please contact your service provider.

Also refer to "Questions & Answers", p. 120.

SMS push

This function allows you to dial an Internet address (URL) directly from a received SMS. The highlighted URL is displayed after the highlighting. Pressing the Call key automatically starts the WAP browser and dials the highlighted Internet address.

SMS status report

If the message cannot be transmitted to the service center you are offered the chance to repeat the transmission. If this also fails, contact your service provider.

The **Message sent!** message only indicates transmission to the service center. This will then attempt to relay the message within a certain period.

Refer also to "Validity period", p. 59.

Software version

Display the software version for your phone in standby mode:

***#06#**, then press **Info**.

Two phone numbers

Special settings may be made for each phone number (e.g., melody, call divert etc.) To do this, first switch to the required phone number.

Change phone number/connection in standby mode:

0+ Press.

Line 1 Press.

WAP

(**W**ireless **A**pplication **P**rotocol)

WAP is a technical standard which forms the basis of the connection between mobile radio networks and the Internet. WAP allows you to surf the Internet using your cell phone, download games and applications, and to use such WAP services as news, stock exchange prices or information.

Special characters for using WAP

0+ Press repeatedly for:

. , ? ! ' " 0 - ( ) @ / : _

WAP operation

Start with...

Set which functions are to be shown in the display after the Internet call.

Open browser menu.

More ... Select.

Setup Select.

Start with...

Select, then select from the list:

Start menu

Browser menu

Home

Resume

Bookmarks

Enter Internet address (URL) directly

A WAP page must be shown in the display (online or offline):

Open browser menu.

Go to... Select.

Enter URL and confirm. The connection is established.

Change homepage

The homepage address is entered in the WAP profiles (p. 66).

A WAP page must be shown in the display (online or offline):

Open browser menu.

More ... Press.

Profiles Select.

Select the profile, for example:

e-Commerce
Highlight.

Edit The entry card is displayed. Select

WAP param.,
then **Home**.

Enter new address. Go to the end of the entry card.

Save Press.

Bookmarks (URL)

The list of bookmarks can hold up to 10 entries or folders. Each folder may in turn contain bookmarks or further folders.

Save:

Open browser menu.

Bookmarks
Select.

Online (save):

Add bookmark
The current WAP address is imported as a bookmark.

Online (save):

(Empty) Select.

Menu Open menu.

Select New Entry and enter and confirm name/title and URL.

Save Press.

Apply:

Open browser menu.

Bookmarks
Select.

Select bookmark/folder.

Go The selected bookmark is dialed.

Without SIM card

If you switch on the phone **without** a SIM card you can still use some phone functions.

Menu Press soft key. The functions are displayed.

SOS Emergency, SOS.

Questions & Answers

If you have any questions about using your phone, visit us at **www.my-siemens.com/customercare** anytime. As further help we have listed below some frequently asked questions and answers.

Problem	Possible causes	Possible solution
Phone cannot be switched on.	On/Off key not pressed long enough.	Press On/Off key for at least two seconds.
	Flat battery.	Charge battery. Check charging indicator in display.
	Battery contacts dirty.	Clean contacts.
	See also below under "Charging error"	
Too little standby time.	Frequent use of organizer and games.	Restrict use if necessary.
	Speed search activated.	Deactivate speed search (p. 84).
	Display illumination on.	Switch off display illumination (p. 71).
	Unintentional keystrokes (illumination!).	Activate key lock (p. 75).
Charging error (charge icon not displayed).	Battery totally discharged.	1) Plug in charger cable, battery is on charge. 2) Charge icon appears after approx. 2 hours. 3) Charge battery.
	Temp. out of range 41 °F to 104 °F.	Make sure the ambient temperature is right, wait for a while, then recharge.
	Contact problem.	Check power supply and connection to the phone. Check battery contacts and device interface, clean them if necessary, then insert battery again.
	No mains voltage.	Use different mains power socket, check mains voltage.
	Wrong charger.	Use original Siemens accessories only.
	Battery faulty.	Replace battery.
SIM error.	SIM card not inserted correctly.	Check that the SIM card is inserted correctly (p. 14).
	Dirty SIM card contacts.	Clean SIM card with a dry cloth.
	SIM card with wrong voltage.	Use 3V SIM cards only.
	SIM card damaged (e.g. broken).	Carry out a visual check. Change SIM card at service provider.

Problem	Possible causes	Possible solution
No network connection.	Weak signal.	Move higher, to a window or an open space.
	Outside GSM range.	Check service provider's coverage area.
	Invalid SIM card.	Complain to the service provider.
	New network not authorized.	Try manual selection or select a different network (p. 84).
	Network barred.	Check network barrings (p. 83).
	Network overloaded.	Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic (p. 84). Switching phone off and on again can speed this up.
Calls not possible.	Second line set.	Set first line 1 〉 (p. 84).
	New SIM card inserted.	Check for new barrings.
	Charge limit reached.	Reset limit with PIN2 (p. 43).
	Credit used up.	Load credit.
Certain uses of phone not possible.	Call restrictions are in place.	Barrings can be set by service provider. Check barrings (p. 83).
Impossible to make entries in Phonebook.	Phonebook is full.	Delete entries in Phonebook or transfer to Addressbook (p. 33).
Voice mail not functioning.	Call divert to mailbox not set.	Set call divert to mailbox (p. 75).
SMS (text message) ✉ flashing.	SMS memory is full.	To free up capacity, delete (p. 48) or file (p. 48) text messages (SMS).
Function cannot be set.	Not supported by service provider or registration required.	Contact your service provider.
Capacity problems with, for example, Games & More, ring tones, pictures, SMS archive.	Handset memory full.	Delete files in the relevant areas.
No WAP access, downloading not possible.	Profile not activated, profile settings wrong/incomplete.	Activate (p. 66), set (p. 66) WAP profile or set HTTP profile (p. 69). If necessary ask your service provider.

Problem	Possible causes	Possible solution
Text message cannot be sent.	Service provider does not support this service.	Contact your service provider.
	Phone number for service center not set or incorrect.	Set service center (p. 59).
	SIM card contract does not support this service.	Contact your service provider.
	Service center too busy.	Repeat message.
	Recipient does not have a compatible phone.	Check.
EMS pictures and sounds not displayed at destination phone.	Destination phone does not support the EMS standard.	
No Internet access possible.	Incorrect WAP profile set, or wrong or incomplete settings.	Check settings or ask contact service provider.
PIN error/ PIN2 error.	Three wrong entries.	Enter the PUK (MASTER PIN) supplied with the SIM card according to the instructions. If the PUK (MASTER PIN) has been lost, please contact your service provider.
Phone code error.	Three wrong entries.	Contact Siemens Service (p. 123).
Service provider code error.	No authorization for this service.	Contact your service provider.
Too few/too many menu entries.	Functions may have been added or deleted by the service provider via the SIM card.	Check with your service provider.
No fax possible.	Wrong settings in the PC.	Check settings (p. 81).
	No authorization for this service.	Contact your service provider.
Charge meter does not work.	Charge pulse is not transmitted.	Contact your service provider.
Damage		
Severe shock.	Remove battery and SIM and re-insert them. Do not dismantle the phone!	
Phone became wet.	Remove battery and SIM. Dry immediately with a cloth, but do not apply heat. Dry connector contacts thoroughly. Stand cell phone upright in an air current. Do not dismantle the phone!	

Reset all settings to factory default (see also p. 77): *# 9 9 9 9 #

Simple, straightforward support for technical and operational queries is available from our online support service on the Internet:

www.my-siemens.com/customercare

You are given 24 hour support on all aspects of our products. Here you will find an interactive fault-finding system, a compilation of the most frequently asked questions and answers, plus user guides and current software updates to download.

You will also find the most frequently asked questions and answers in the chapter entitled "Questions & Answers" in this user guide, p. 120.

Alternatively please contact one of our customer care centers.

When calling, please have ready your receipt, the phone identity number (IMEI, to display, press ***#** 0 6 #), the software version (to display, press ***#** 0 6 #, then **Info**) and, if applicable, your Siemens Service customer number.

Qualified Siemens employees are waiting to offer you expert information about our products and installation.

If repair work is necessary or you have a claim under warranty or guarantee you will receive rapid, reliable assistance from our Service Centers:

Abu Dhabi	0 26 42 38 00
Argentina	0 80 08 88 98 78
Australia	13 00 66 53 66
Austria	05 17 07 50 04
Bahrain	40 42 34
Bangladesh	0 17 52 74 47
Belgium	0 78 15 22 21
Bolivia	0 21 21 41 14
Bosnia Herzegovina	0 33 27 66 49
Brazil	0 80 07 07 12 48
Brunei	02 43 08 01
Bulgaria	02 73 94 88
Cambodia	12 80 05 00
Canada	1 88 87 77 02 11
China	0 21 50 31 81 49
Croatia	0 16 10 53 81
Czech Republic	02 33 03 27 27
Denmark	35 25 86 00
Dubai	0 43 96 64 33
Egypt	0 23 33 41 11
Estonia	06 30 47 97
Finland	09 22 94 37 00
France	01 56 38 42 00
Germany	0 18 05 33 32 26
Greece	0 80 11 11 11 16
Hong Kong	28 61 11 18
Hungary	06 14 71 24 44
Iceland	5 11 30 00
India	22 24 98 70 00 Extn: 70 40
Indonesia	0 21 46 82 60 81
Ireland	18 50 77 72 77
Italy	02 24 36 44 00
Ivory Coast	05 02 02 59
Jordan	0 64 39 86 42
Kenya	2 72 37 17
Kuwait	2 45 41 78
Latvia	7 50 11 18
Lebanon	01 44 30 43
Libya	02 13 50 28 82
Lithuania	8 52 74 20 10
Luxembourg	43 84 33 99
Macedonia	02 13 14 84
Malaysia	+ 6 03 77 12 43 04
Malta	+ 35 32 14 94 06 32
Mauritius	2 11 62 13
Mexico	01 80 07 11 00 03
Morocco	22 66 92 09
Netherlands	0 90 03 33 31 00
New Zealand	08 00 27 43 63
Nigeria	0 14 50 05 00
Norway	22 70 84 00
Oman	79 10 12

Pakistan	02 15 66 22 00
Paraguay	8 00 10 20 04
Philippines	0 27 57 11 18
Poland	08 01 30 00 30
Portugal	8 08 20 15 21
Qatar	04 32 20 10
Romania	02 12 04 60 00
Russia	8 80 02 00 10 10
Saudi Arabia	0 22 26 00 43
Serbia	01 13 22 84 85
Singapore	62 27 11 18
Slovak Republic	02 59 68 22 66
Slovenia	0 14 74 63 36
South Africa	08 60 10 11 57
Spain	9 02 11 50 61
Sweden	0 87 50 99 11
Switzerland	08 48 21 20 00
Taiwan	02 23 96 10 06
Thailand	0 22 68 11 18
Tunisia	71 86 19 02
Turkey	0 21 65 79 71 00
Ukraine	8 80 05 01 00 00
United Arab Emirates	0 43 31 95 78
United Kingdom	0 87 05 33 44 11
USA	1 88 87 77 02 11
Vietnam	49 43 73 23
Zimbabwe	04 36 94 24

Exposure to radiofrequency signals

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radiofrequency (RF) signals.

In August 1996, The Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

- American National Standards Institute (ANSI) C95.1 (1992)
- National Council of Radiation Protection and Measurement (NCRP) Report 86 (1986)
- International Commission of Non-Ionizing Radiation Protection (ICNIRP) 1996
- Ministry of Health (Canada) Safety Code 6

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards). For additional information concerning exposure to radio frequency signal, see the statement by the FDA at the end of this user guide.

Technical data

GSM class	4 (2 watt)
Frequency range:	824 – 894 MHz
GSM class:	1 (1 watt)
Frequency range:	1,850 – 1,990 MHz
Weight:	83g/2.93 oz.
Size:	101 x 46 x 21 mm (71 ccm)
Li-Ion battery:	700 mAh
Operating temperature:	14 °F to 131 °F (-10 °C to 55 °C)
SIM card:	3.0 V

Your phone has been designed and crafted with great care and attention and should also be treated with care. The suggestions below will help you to enjoy your phone for many years.

- Protect your phone from moisture and humidity! Precipitation, humidity and liquids contain minerals that will corrode electronic circuits. Nevertheless, should your phone become wet, disconnect it immediately from the power supply and remove the battery!
- Do not use or store the phone in dusty, dirty areas. Its moving parts may become damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.
- Do not store your phone in cold areas. When the phone warms up again (to its normal ambient temperature), moisture can form inside the phone, which may damage electronic circuit boards.
- Do not drop, knock or shake your phone. Rough handling can damage internal circuit boards!
- Do not use abrasive chemicals, cleaning solvents, or strong detergents to clean the phone!

The suggestions given above apply equally to your phone, battery, charger and all accessories. If any of these parts are not working properly, take them to your nearest qualified service outlet. The personnel there will assist you and, if necessary, repair the device.

Phone ID

You will need the following details if you lose your phone or SIM card. Please enter here

the number of the SIM card (on the card):

.....

the 15-digit serial number of the phone (under the battery):

.....

the Customer Service number of the service provider:

.....

Lost phone

If you lose your phone or SIM card contact your service provider immediately to prevent misuse.

Basics

Li-Ion Battery 700mAh EBA-510

Spare battery.

Travel Charger

ETC-520

Travel charger with an extended input voltage range of 100-240 V.

Desk Top Charger EDC-520

The desktop charger makes it easy to charge the phone plus an additional battery.

Headset PTT HHS-510

Headset with PTT key to activate voice recognition and to accept and end calls.

Belt Clip FCS-520

Comfortably carry your phone while keeping it ready to use.

Carry solutions

Different carry solutions are available at available at specialist shops or you can visit the Siemens Mobile Store online:

Original Siemens Accessories

www.siemens.com/mobilestore

Data

Data Cable DCA-500

For connecting the phone to the serial RS232 port of the PC.

Data Cable USB DCA-510

For connecting the phone to the USB port of the PC. With load function.

SyncStation DSC-500

Table cradle for your cell phone. Allows data exchange and simultaneously charges the phone via the power supply unit. Features a desktop charger, a data cable and a Y adapter.

Innovations

Mobile Camera IQP-500

Camera that plugs into the cell phone. The Mobile Camera makes it possible to take snapshots using your mobile phone. Pictures can be viewed on the display and transmitted via MMS.

Car Solutions

Car Charger ECC-500

Charger for the cigarette lighter socket in the car.

Portable Car Kit HKP-500

Handsfree kit with integrated integrated loudspeaker, microphone and microphone and auto answer feature. Simply plug into the cigarette lighter socket. Ideal for easy transfer between vehicles.

Mobile Holder HMH-540

Basic Car Pack HKB-500

Allows in-car charging of your mobile phone as well as handsfree talking. Contains a Car Charger, a Headset PTT and a Y adapter.

Car Kit Plus HKC-541

Handsfree kit with first-class digital call quality and supreme ease of use. Includes all components needed for installation. The antenna set is available separately from specialist shops.

SIEMENS Original Accessories

Original Siemens Accessories

www.siemens.com/mobilestore

The U.S. Food and Drug Administration's (FDA) Center for Devices and Radiological Health Consumer Update on Mobile Phones

FDA has been receiving inquiries about the safety of mobile phones, including cellular phones and PCS phones. The following summarizes what is know – and what remains unknown – about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

Why the concern?

Mobile phones emit low levels of radio frequency energy (i.e., radio frequency radiation) in the microwave range while being used. They also emit very low levels of radio frequency energy (RF), considered non-significant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects (this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence does not demonstrate adverse health effects associated with the use of mobile phones.

What kinds of phones are in question?

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short distance between the phone's antenna – the primary source of the RF – and the person's head. The exposure to RF from mobile phones in which the antenna is located at greater distances from the user (on the outside of a car, for example) is drastically lower than that from hand-held phones, because a person's RF exposure decreases rapidly with distance from the source. The safety of so-called "cordless phones," which have a base unit connected to the telephone wiring in a house and which operate at far lower power levels and frequencies, has not been questioned.

How much evidence is there that hand-held mobile phones might be harmful?

Briefly, there is not enough evidence to know for sure, either way; however, research efforts are on-going. The existing scientific evidence is conflicting and many of the studies that have been done to date have suffered from flaws in their research methods. Animal experiments investigating the effects of RF exposures characteristic of mobile phones have yielded conflicting results. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. In one study, mice genetically altered to be predisposed to developing one type of cancer developed more than twice as many such cancers when they were exposed to RF energy compared to controls. There is much uncertainty among scientists about whether results obtained from animal studies apply to the use of mobile phones. First, it is uncertain how to apply the results obtained in rats and mice to humans. Second, many of the studies showed increased tumor development used animals that had already been treated with cancer-causing chemicals, and other studies exposed the animals to the RF virtually continuously – up to 22 hours per day.

For the past five years in the United States, the mobile phone industry has supported research into the safety of mobile phones. This research has resulted in two findings in particular that merit additional study:

1. In a hospital-based, case-control study, researchers looked for an association between mobile phone use and either glioma (a type of brain cancer) or acoustic neuroma (a benign tumor of the nerve sheath). No statistically significant association was found between mobile phone use and acoustic neuroma. There was also no association between mobile phone use and gliomas when all types of gliomas were considered together. It should be noted that the average length of mobile phone exposure in this study was less than three years.

When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepithelliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually decreased with cumulative hours of mobile phone use. Most cancer causing agents increase risk with increased exposure. An ongoing study of brain cancers by the

National Cancer Institute is expected to bear on the accuracy and repeatability of these results.[1]

2. Researchers conducted a large battery of laboratory tests to assess the effects of exposure to mobile phone RF on genetic material. These included tests for several kinds of abnormalities, including mutations, chromosomal aberrations, DNA strand breaks, and structural changes in the genetic material of blood cells called lymphocytes. None of the tests showed any effect of the RF except for the micronucleus assay, which detects structural effects on the genetic material. The cells in this assay showed changes after exposure to simulated cell phone radiation, but only after 24 hours of exposure. It is possible that exposing the test cells to radiation for this long resulted in heating. Since this assay is known to be sensitive to heating, heat alone could have caused the abnormalities to occur. The data already in the literature on the response of the micronucleus assay to RF are conflicting. Thus follow-up research is necessary. [2]

FDA is currently working with government, industry, and academic groups to ensure the proper follow-up to these industry-funded research findings. Collaboration with the Cellular Telecommunications Internet Association (CTIA) in particular is expected to lead to FDA providing research recommendations and scientific oversight of new CTIA-funded research based on such recommendations.

Two other studies of interest have been reported recently in the literature:

- Two groups of 18 people were exposed to simulated mobile phone signals under laboratory conditions while they performed cognitive function tests. There were no changes in the subjects' ability to recall words, numbers, or pictures, or in their spatial memory, but they were able to make choices more quickly in one visual test when they were exposed to simulated mobile phone signals. This was the only change noted among more than 20 variables compared.[3]
- In a study of 209 brain tumor cases and 425 matched controls, there was no increased risk of brain tumors associated with mobile phone use. When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used. Because this occurred in only a small number of cases, the increased likelihood was too small to be statistically significant.[4]

In summary, we do not have enough information at this point to assure the public that there are, or are not,

any low incident health problems associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

What is known about cases of human cancer that have been reported in users of hand-held mobile phones?

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S. population at a rate of about 6 new cases per 100,000 people each year. At that rate, assuming 80 million users of mobile phones (a number increasing at a rate of about 1 million per month), about 4800 cases of brain cancer would be expected each year among those 80 million people, whether or not they used their phones. Thus it is not possible to tell whether any individual's cancer arose because of the phone, or whether it would have happened anyway. A key question is whether the risk of getting a particular form of cancer is greater among people who use mobile phones than among the rest of the population. One way to answer that question is to compare the usage of mobile phones among people with brain cancer with the use of mobile phones among appropriately matched people without brain cancer. This is called a case-control study. The current case-control study of brain cancers by the National Cancer Institute, as well as the follow-up research to be sponsored by industry, will begin to generate this type of information.

What is FDA's role concerning the safety of mobile phones?

Under the law, FDA does not review the safety of radiation emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices. However, the agency has authority to take action if mobile phones are shown to emit radiation at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of mobile phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions at this time, FDA has urged the mobile phone industry to take a number of steps to assure public safety. The agency has recommended that the industry:

- Support needed research into possible biological effects of RF of the type emitted by mobile phones;

- Design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health.

At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Health and Safety Administration
- National Telecommunications and Information Administration

The National Institutes of Health also participates in this group.

In the absence of conclusive information about any possible risk, what can concerned individuals do?

If there is a risk from these products – and at this point we do not know that there is – it is probably very small. But if people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

People who must conduct extended conversations in their cars every day could switch to a type of mobile phone that places more distance between their bodies and the source of the RF, since the exposure level drops off dramatically with distance. For example, they could switch to:

- a mobile phone in which the antenna is located outside the vehicle,
- a hand-held phone with a built-in antenna connected to a different antenna mounted on the outside of the car or built into a separate package, or
- a headset with a remote antenna to a mobile phone carried at the waist.

Where can I find additional information?

For additional information, see the following websites:

- Federal Communications Commission (FCC) RF Safety Program (select "Information on Human

Exposure to RF Fields from Cellular and PCS Radio Transmitters"): http://www.fcc.gov/oet/rfsafety.

- World Health Organization (WHO) International Commission on Non-Ionizing Radiation Protection (select Qs & As): http://www.who.int/emf
- United Kingdom, National Radiological Protection Board: http://www.nrpb.org.uk
- Cellular Telecommunications Internet Association (CTIA): http://www.wow-com.com
- U.S. Food and Drug Administration (FDA) Center for devices and Radiological Health: http://www.fda.gov/cdhr/consumer/

[1] Muscat et al. Epidemiological Study of Cellular Telephone Use and Malignant Brain Tumors. In: State of the Science Symposium; 1999 June 20; Long Beach, California.

[2] Tice et al. Tests of mobile phone signals for activity in genotoxicity and other laboratory assays. In: Annual Meeting of the Environmental Mutagen Society; March 29, 1999, Washington, DC; and personal communication, unpublished results.

[3] Preece, AW, Iwi, G, Davies-Smith, A, Wesnes, K, Butler, S, Lim, E, and Varey, A. Effect of a 915- MHz simulated mobile phone signal on cognitive function in man. Int. J. Radiat. Biol., April 8, 1999.

[4] Hardell, L, Nasman, A, Pahlson, A, Hallquist, A and Mild, KH. Use of cellular telephones and the risk for brain tumors; a case-control study. Int. J. Oncol, 15: 113-116, 1999.

Your phone may cause TV or radio interference (for example, when using a telephone in close proximity to receiving equipment). The FCC and Industry Canada can require you to stop using your telephone if such interference cannot be eliminated. If you require assistance, please contact your local service facility.

Ten Driving Safety Tips

Your Siemens wireless phone gives you the power to communicate by voice – almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

Get to know your phone and its features such as speed dial and redial.

Carefully read your instruction manual and learn to take advantage of valuable features most phones offer including, automatic redial and memory dial – most phones can store up to 99 numbers in memory dial. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.

When available, use a hands-free device.

A number of hands-free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your phone or a speaker phone accessory, take advantage of these devices if they are available to you.

Position your phone within easy reach.

Make sure you place your wireless phone within easy reach and where you can grab it without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voicemail answer it for you.

Suspend conversations during hazardous driving conditions or situations.

Let the person you are speaking to know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.

Do not take notes or look up phone numbers while driving.

If you are reading an address book or business card while driving a car, or writing a "to do" list, then you are not watching where you are going. It's common sense. Don't get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

Dial sensibly and assess the traffic.

If possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip, or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip – dial only a few numbers, check the road and your mirrors, then continue.

Do not engage in stressful or emotional conversations that may be distracting.

Stressful or emotional conversations and driving do not mix – they are distracting and even dangerous when you are behind the wheel. Make people you are talking with aware you are driving and if necessary, suspend phone conversations that have the potential to divert your attention from the road.

Use your phone to call for help.

Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations – with your phone at your side, help is only three numbers away. Dial 9-1-1 in the case of fire, traffic accident, road hazard, or medical emergency. Remember, it is a free call on your wireless phone.

Use your phone to help others in emergencies.

Your wireless phone provides you a perfect opportunity to be a "good Samaritan" in your community. If you see an auto accident, crime in progress or other serious emergencies where lives are in danger, call 9-1-1, as you would want others to do for you.

Call roadside assistance or a special wireless non-emergency assistance number when necessary.

Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call to 9-1-1. But you can still use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless numbers.

"The wireless industry reminds you to use your phone safely when driving""

For more information, please call 1 (888) 901-SAFE, or visit our Web site at: www.wow-com.com

Provided by the Cellular Telecommunications Industry Association (CTIA)

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The capacity of your mobile phone battery will reduce each time it is charged/emptied. Storage at too high or low temperatures will also result in a gradual capacity loss. As a result the operating time of your mobile phone may be considerably reduced, even after a full recharge of the battery.

Regardless of this, the battery has been designed and manufactured so that it can be recharged and used for six months after the purchase of your mobile phone. After six months, if the battery is clearly suffering from loss of performance, we recommend that you replace it. Please buy only Siemens original batteries.

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